

Получить консультацию и заказать оборудование:	ТЕЛ +7(495) 127-79-12, +7(495) 725-18-48 e-mail: info@streamediagroup.com, manager@streamediagroup.com	<a href="#">Помощь в подборе</a> <a href="#">БЫСТРЫЙ ЗАКАЗ</a>
Наименование	Краткое описание	
DIN-RAIL-6K8	DIN-Rail holder for a secure vertical mount of 6K8, with screws to attach to metal mounting bracket.	EOL
S14-d	Magnum Convenient Switch, four 10/100 RJ-45 ports in a compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	EOL
S14-i	Magnum Convenient Switch, four 10/100 RJ45 ports in a compact package, rated for office and wiring closet environments. Ambient temperature rating is 0°C to 40°C. Metal panel mounting brackets and external AC power supply included.	EOL
S14H-12VDC	Magnum Hardened Convenient Switch, four 10/100 RJ45 ports in a compact package, industrial rated for factory floor environments. Ambient temperature rating is -25°C to 60°C. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to 60°C) and metal panel mounting brackets included.	EOL
S14H-Hd	Magnum Hardened Convenient Switch, four 10/100 RJ45 ports in a compact package, industrial rated for factory floor environments. Ambient temperature rating is -25°C to 60°C. Internal 8 to 15VDC terminal block. External AC power supply with extended temperature range (-25°C to 60°C) and metal panel mounting brackets included.	EOL
S14H-Hi	Magnum Hardened Convenient Switch, four 10/100 RJ45 ports in a compact package, industrial rated for factory floor environments. Ambient temperature rating is -25°C to 60°C. Internal 8 to 15VDC terminal block. External AC power supply with extended temperature range (-25°C to 60°C) and metal panel mounting brackets included.	EOL
S14H-24VDC	Magnum Hardened Convenient Switch, four 10/100 RJ45 ports in a compact package, industrial rated for factory floor environments. Ambient temperature rating is -25°C to 60°C. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C) and metal panel mounting brackets included.	EOL
S14HR-24VDC	Magnum Hardened Convenient Switch, four 10/100 RJ45 ports in a compact package, industrial rated for factory floor environments. Ambient temperature rating is -25°C to 60°C. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C) and DIN-Rail mounting kit included (DIN-Rail MC2) included.	EOL
S14P-12VDC	Magnum Premium-rated Convenient Switch, four 10/100 RJ45 ports in a compact package, rated -40°C to 75°C for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply and metal panel mounting brackets included.	EOL
S14P-Pd	Magnum Premium-rated Convenient Switch, four 10/100 RJ45 ports in a compact package, rated -40°C to 75°C for temperature un-controlled environments such as outdoors. Internal 8 to 15VDC terminal block. External AC power supply and metal panel mounting brackets included.	EOL
S14P-Pi	Magnum Premium-rated Convenient Switch, four 10/100 RJ45 ports in a compact package, rated -40°C to 75°C for temperature un-controlled environments such as outdoors. Internal 8 to 15VDC terminal block. External AC power supply and metal panel mounting brackets included.	EOL
S14P-24VDC	Magnum Premium-rated Convenient Switch, four 10/100 RJ45 ports in a compact package, rated -40°C to 75°C for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply and metal panel mounting brackets included.	EOL
FT14H-Hd	Twisted Pair to mm Fiber media converter rated 0 to 50°C, includes external Industrial power supply. Metal panel mounting brackets included. DIN-Rail mounting hardware optional	EOL
FT14-Hi	Twisted Pair to multi-mode 10Mb Fiber Media Converter rated 0 to 50°C, includes external Model PSW-9V1A-Hi Industrial power supply. Metal panel mounting brackets included. DIN-Rail mounting hardware optional	EOL
S14PR-24VDC	Magnum Premium-rated Convenient Switch, four 10/100 RJ45 ports in a compact package, rated -40°C to 75°C for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply and DIN-Rail mounting kit included (DIN-Rail MC2) included.	EOL
S14H-48VDC	Magnum Hardened Convenient Switch, four 10/100 RJ45 ports in a compact package, industrial rated for factory floor environments. Ambient temperature rating is -25°C to 60°C. Internal -48VDC (range 30V to 60V) power supply with extended temperature range (-25°C to 60°C) and metal panel mounting brackets included.	EOL
FT14H-9VDC	Hardened Twisted Pair to 10Mb multi-mode Fiber Media Converter rated -40 to 75°C, with terminal block for 9VDC (range 4.8V to 15V) power connection. DC jack is also present for alternate use of external AC to 9VDC PS (not included).	EOL
FT14H-Hi	Hardened Twisted Pair to mm 10Mb Fiber media converter, includes DC terminal block and Industrial ext. PS Model PSW-9V1A-Hd (No. America) rated -40 to 55°C.	EOL
S14P-48VDC	Magnum Premium-rated Convenient Switch, four 10/100 RJ45 ports in a compact package, rated -40°C to 75°C for temperature un-controlled environments such as outdoors. Internal -48VDC (range 30V to 60V) power supply and metal panel mounting brackets included.	EOL
PS14H-48VDC	Magnum Hardened PoE Power Source Convenient Switch, four 10/100 RJ-45 ports in a compact package, industrial rated for factory floor environments. All four RJ-45 Ethernet ports support Power Source PoE per the IEEE 802.3af standard. Includes integral -48V DC terminal block for power input.	EOL
FT14H-24VDC	Hardened Twisted Pair to 10Mb multi-mode Fiber Media Converter rated -40 to 75°C, with terminal block for 24VDC (range 18V to 36V) power connection. DC jack is also present for alternate use of external AC to 9VDC PS (not included).	EOL
FT14HR-24VDC	Hardened Twisted Pair to 10Mb multi-mode Fiber Media Converter rated -40 to 75°C, with terminal block for 24VDC (range 18V to 36V) power connection. DC jack is also present for alternate use of external AC to 9VDC PS (not included). Includes the Model DIN-Rail MC2 multi hardware which is optional on other models.	EOL
PS14P-48VDC	Magnum Premium-rated PoE Power Source Convenient Switch, four 10/100 RJ-45 ports in a compact package, rated for temperature un-controlled (sheltered outdoor) environments. All four RJ-45 Ethernet ports support Power Source PoE per the IEEE 802.3af standard. Includes integral -48V DC terminal block for power input.	EOL
FT14H-48VDC	Hardened Twisted Pair to 10Mb multi-mode Fiber Media Converter rated -40 to 75°C, with terminal block for -48VDC (range 30V to 60V) power connection. DC jack is also present for alternate use of external AC to 9VDC PS (not included).	EOL
FT14S-Hd	Twisted Pair to single-mode Fiber media converter rated 0 to 50°C, includes external Model PSW-12V1A-Hd (North America) Industrial power supply. Metal panel mounting brackets included. DIN-Rail mounting hardware optional	EOL
FT14S-Hi	Twisted Pair to single-mode 10 Fiber Media Converter rated 0 to 50°C, includes external Model PSW-9V1A-Hi Industrial power supply. Metal panel mounting brackets included. DIN-Rail mounting hardware optional	EOL
FT14SH-9VDC	Hardened Twisted Pair to 10Mb single-mode Fiber Media Converter rated -40 to 75°C, with terminal block for 9VDC (range 4.8V to 15V) power connection. DC jack is also present for alternate use of external AC to 9VDC PS (not included).	EOL
FT14SH-Hd	Hardened Twisted Pair to single-mode 10Mb Fiber media converter, includes DC terminal block and Industrial ext. PS Model PSW-9V1A-Hd (No. America) rated -40 to 55°C.	EOL
FT14SH-Hi	Hardened Twisted Pair to single-mode 10Mb Fiber Media Converter, includes DC terminal block and Industrial external PS Model PSW-9V1A-Hi rated -40 to 75°C.	EOL
FT14SH-24VDC	Hardened Twisted Pair to 10Mb single-mode Fiber Media Converter rated -40 to 75°C, with terminal block for 24VDC (range 18V to 36V) power connection. DC jack is also present for alternate use of external AC to 9VDC PS (not included).	EOL
FT14SHR-24VDC	Hardened Twisted Pair to 10Mb single-mode Fiber Media Converter rated -40 to 75°C, with terminal block for 24VDC (range 18V to 36V) power connection. DC jack is also present for alternate use of external AC to 9VDC PS (not included). Includes the Model DIN-Rail MC2 mounting hardware which is optional on other models.	EOL
6KM-24VDC	Magnum 6KM Mobile Ethernet Switch, base unit with four M12 4-pin D-encoded 10/100 copper ports. 24VDC power supply with power input via a 4-pin female RD 24 threaded locking connector. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. Max Configuration is 10 ports of all types. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	EOL
FT14SH-48VDC	Hardened Twisted Pair to 10Mb single-mode Fiber Media Converter rated -40 to 75°C, with terminal block for -48VDC (range 30V to 60V) power connection. DC jack is also present for alternate use of external AC to 9VDC PS (not included).	EOL
6KM-12VDC	Magnum 6KM Mobile Ethernet Switch, base unit with four M12 4-pin D-encoded 10/100 copper ports. 12VDC power supply with power input via a 4-pin female RD 24 threaded locking connector. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. Max Configuration is 10 ports of all types. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	EOL
6KM-48VDC	Magnum 6KM Mobile Ethernet Switch, base unit with four M12 4-pin D-encoded 10/100 copper ports. 48VDC power supply with power input via a 4-pin female RD 24 threaded locking connector. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. Max Configuration is 10 ports of all types. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	EOL
6KM-AC	Magnum 6KM Mobile Ethernet Switch, base unit with four M12 4-pin D-encoded 10/100 copper ports. AC, 100 to 240vac, 47 to 63 Hz power supply with power input via a 4-pin female RD 24 threaded locking connector. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. Max Configuration is 10 ports of all types. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	EOL
DX40-01-H-D	DX40 2 Serial, 1SFP, 1TX, 90-250Vac/dc, DIN -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 1 10/100TX and 1 100FX SFP-ready Ethernet port (pluggable optic ordered separately), DIN-rail mounted, 90-250V AC/DC internal power supply. MNS-DX software license included.	EOL
DX40-01-H-P	DX40 2 Serial, 1SFP, 1TX, 90-250Vac/dc, Panel -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 1 10/100TX and 1 100FX SFP-ready Ethernet port (pluggable optic ordered separately), panel mounted, 90-250V AC/DC internal power supply. MNS-DX software license included.	EOL
DX40-01-L-D	DX40 2 Serial, 1SFP, 1TX, 24-48Vdc, DIN -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 1 10/100TX and 1 100FX SFP-ready Ethernet port (pluggable optic ordered separately), DIN-rail mounted, 24-48V DC internal power supply. MNS-DX software license included.	EOL
DX40-01-L-P	DX40 2 Serial, 1SFP, 1TX, 24-48Vdc, Panel -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 1 10/100TX and 1 100FX SFP-ready Ethernet port (pluggable optic ordered separately), panel mounted, 24-48V DC internal power supply. MNS-DX software license included.	EOL

DX40-02-H-D	DX40 2 Serial, 2SFP, 90-250Vac/dc, DIN -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 2 100FX SFP-ready Ethernet ports (pluggable optics ordered separately), DIN-rail mounted, 90-250v AC/DC internal power supply. MNS-DX software license included.	EOL
DX40-02-H-P	DX40 2 Serial, 2SFP, 90-250Vac/dc, Panel -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 2 100FX SFP-ready Ethernet ports (pluggable optics ordered separately), panel mounted, 90-250v AC/DC internal power supply. MNS-DX software license included.	EOL
DX40-02-L-D	DX40 2 Serial, 2SFP, 24-48Vdc, DIN -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 2 100FX SFP-ready Ethernet ports (pluggable optics ordered separately), DIN-rail mounted, 24-48v DC internal power supply. MNS-DX software license included.	EOL
DX40-02-L-P	DX40 2 Serial, 2SFP, 24-48Vdc, Panel -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 2 100FX SFP-ready Ethernet ports (pluggable optics ordered separately), panel mounted, 24-48v DC internal power supply. MNS-DX software license included.	EOL
DX40-03-H-D	DX40 2 Serial, 2TX, 90-250Vac/dc, DIN -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 2 10/100TX Ethernet ports, DIN-rail mounted, 90-250v AC/DC internal power supply. MNS-DX software license included.	EOL
DX40-03-H-P	DX40 2 Serial, 2TX, 90-250Vac/dc, Panel -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 2 10/100TX Ethernet ports, panel mounted, 90-250v AC/DC internal power supply. MNS-DX software license included.	EOL
DX40-03-L-D	DX40 2 Serial, 2TX, 24-48Vdc, DIN -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 2 10/100TX Ethernet ports, DIN-rail mounted, 24-48v DC internal power supply. MNS-DX software license included.	EOL
DX40-03-L-P	DX40 2 Serial, 2TX, 24-48Vdc, Panel -- Magnum DX40 Serial Device Server, substation-hardened integrated IP router, serial device server and Ethernet switch w. IP security and Serial-IP protocol features. 2 selectable RS232/RS485 serial ports, 2 10/100TX Ethernet ports, panel mounted, 24-48v DC internal power supply. MNS-DX software license included.	EOL
6K8-AC	Magnum 6K8 Managed Field Switch, base unit with universal AC power supply. May be configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of port modules. 8 ports max. Heavy duty fully enclosed metal case designed with elongated dual-cavities (patent pending) used as a heat sink, rated IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. Wire speed filtering and forwarding across all ports. For licensed network management software (MNS-6K and S-Ring) information, see their respective data sheets.	EOL
6KM-110VDC	Magnum 6KM Mobile Ethernet Switch, base unit with four M12 4-pin D-encoded 10/100 copper ports. 110VDC power supply with power input via a 4-pin female RD 24 threaded locking connector. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. Max Configuration is 10 ports of all types. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	EOL
6KM-125VDC	Magnum 6KM Mobile Ethernet Switch, base unit with four M12 4-pin D-encoded 10/100 copper ports. 125VDC power supply with power input via a 4-pin female RD 24 threaded locking connector. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. Max Configuration is 10 ports of all types. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	EOL
6KM-250VDC	Magnum 6KM Mobile Ethernet Switch, base unit with four M12 4-pin D-encoded 10/100 copper ports. 250VDC power supply with power input via a 4-pin female RD 24 threaded locking connector. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. Max Configuration is 10 ports of all types. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	EOL
6K25e-AC	Magnum 6K25e Managed Switch, base unit. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 26 ports max or 8 gig ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, internal Universal AC power supply, 19" rack-mounting brackets. For licensed management software, see applicable datasheet.	EOL
6K25-AC	Magnum 6K25 Managed Fiber Switch, base unit. May be configured with a selection of 10/100/1000 6K Fiber and copper port connector types, 25 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs, internal auto-ranging AC power supply, 19" rack-mounting brackets.	EOL
6K16-AC	Magnum 6K16 Managed Fiber Switch, base unit with front-to-rear fan cooling, for rack mounting or table-top. May be configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of port modules. 16 ports max. AC power input at the rear. Two metal brackets for shelf or table-top mounting. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, alarm contacts, 4K node address table, 240KB packet buffers.	EOL
6K25Re-AC	???Reverse??? model. Magnum 6K25Re Managed Switch, base unit. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 26 ports max or 8 gig ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, internal Universal AC power supply, 19" rack-mounting brackets. For licensed management software, see applicable datasheet. User ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side.	EOL
6K32F-AC	Magnum 6K32F Managed Switch, base unit with 4 slots. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 32 SFF fiber ports max, or 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, internal universal AC power supply, 19" rack-mounting brackets. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K16V-AC	Magnum 6K16V Managed Fiber Switch, base unit, for vertical mounting. May be configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of port modules. 16 ports max. AC power input at the top. Two metal brackets for vertical wall or panel mounting. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, alarm contacts, 4K node address table, 240KB packet buffers.	EOL
6K8-125V	Magnum 6K8 Managed Field Switch, base unit with 125VDC (range 88 to 300VDC) power input. May be configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of port modules. 8 ports max. Heavy duty fully enclosed metal case designed with elongated dual-cavities (patent pending) used as a heat sink, rated IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. Wire speed filtering and forwarding across all ports. For licensed network management software (MNS-6K and S-Ring) information, see their respective data sheets.	EOL
6K8-48V	Magnum 6K8 Managed Field Switch, base unit with 48VDC power input. May be configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of port modules. 8 ports max. Heavy duty fully enclosed metal case designed with elongated dual-cavities (patent pending) used as a heat sink, rated IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. Wire speed filtering and forwarding across all ports. For licensed network management software (MNS-6K and S-Ring) information, see their respective data sheets.	EOL
6K25R	Reverse model of Magnum 6K25 Managed Fiber Switch, base unit. May be configured with a selection of 10/100/1000 6K Fiber and copper port connector types, 25 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs, user ports and power input in rear. Internal auto-ranging power supply, 19" rack-mounting brackets.	EOL
6K32FC-AC	Magnum 6K32FC Managed Switch, base unit with 4 slots. Convection-cooled. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, internal universal AC power supply, 19" rack-mounting brackets. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32FR-AC	Magnum 6K32F Managed Switch, base unit with 4 slots. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 32 SFF fiber ports max, or 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, user ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. Internal universal AC power supply, 19" rack-mounting brackets. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32T	Magnum 6K32T Managed Switch, base unit with 16 fixed 10/100 copper ports and two port module slots. The port module slots may be configured with a selection of 10/100/1000 6K fiber and copper port connector types, 32 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs, internal auto-ranging AC power supply, 19" rack-mounting brackets.	EOL
DX940-4FXSFP-H	DX940 base unit with four 100Mb SFP Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Includes IP routing, Ethernet switching and secure management. MNS-DX software license included. Software includes IP Routing, per VLAN Routing, ICMP, ARP, Diffserv, Port Security, event logging and alarms, and more. Web-based GUI and CLI via Telnet. Choose from a selection of hardened 100Mb SFPs.	EOL
DX940-4FXSFP-L	DX940 base unit with four 100Mb SFP Ethernet ports in slot B. Includes 24-48VDC power supply, panel mounting. Includes IP routing, Ethernet switching and secure management. MNS-DX software license included. Software includes IP Routing, per VLAN Routing, ICMP, ARP, Diffserv, Port Security, event logging and alarms, and more. Web-based GUI and CLI via Telnet. Choose from a selection of hardened 100Mb SFPs.	EOL
DX940-4RJ-H	DX940 base unit with four RJ45 10/100 Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. Wire speed filtering and forwarding across all Ethernet ports. MNS-DX software license included. Software includes IP Routing, per VLAN Routing, ICMP, ARP, Diffserv, Port Security, event logging and alarms, and more. Web-based GUI and CLI via Telnet.	EOL
DX940-4RJ-L	DX940 base unit with four RJ45 10/100 Ethernet ports in slot B. Includes 24-48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Wire speed filtering and forwarding across all Ethernet ports. MNS-DX software license included. Software includes IP Routing, per VLAN Routing, ICMP, ARP, Diffserv, Port Security, event logging and alarms, and more. Web-based GUI and CLI via Telnet.	EOL

6K32FRC-AC	Magnum 6K32FRC Reverse Managed Switch, base unit with 4 slots. Convection-cooled. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, user ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. Internal universal AC power supply and 19" rack-mounting brackets are included. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32TR	Magnum 6K32TR "Reverse" Managed Switch, base unit with 16 fixed 10/100 copper ports and two port module slots. The port module slots may be configured with a selection of 10/100/1000 6K fiber and copper port connector types, 32 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, user ports and power input connectors in rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side, internal auto-ranging AC power supply, 19" rack-mounting brackets.	EOL
6K25Re-2AC	Magnum 6K25e Managed Switch, base unit ?Reverse? Dual PS model. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 26 ports max or 8 gig ports max. A family of 38 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, user ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. There are 2 internal AC power supplies with logic to provide for load sharing and maintaining switch power with 1 PS failure., 19" rack-mounting brackets. For licensed management software, see applicable datasheet.	EOL
6K32TRC	Magnum 6K32TRC "Reverse" rack-mount Convection-cooled Managed Switch, base unit with 16 fixed 10/100 copper ports and two port module slots. The port module slots may be configured with a selection of 10/100/1000 6K fiber and copper port connector types, 32 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs and also port-side LEDs for status viewing from either side, internal auto ranging 100-240V AC power supply with power input via a standard male IEC three-prong connector, 19" rack-mounting brackets.	EOL
6K32TRC-AC/DC	Magnum 6K32TRC "Reverse" rack-mount Convection-cooled Managed Switch, base unit with 16 fixed 10/100 copper ports and two port module slots. The port module slots may be configured with a selection of 10/100/1000 6K fiber and copper port connector types, 32 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs and also port-side LEDs for status viewing from either side, internal auto ranging 100-240V AC / 110-250V DC unit with power input made via three pin terminal block, 19" rack-mounting brackets.	EOL
10XTS-AC	Magnum 10XTS substation hardened router terminal server, front-mount in rack, with an auto-sensing worldwide AC power type power supply (100-240V AC only) using a UL-registered recessed-male IEC 320 power connector suitable for worldwide AC power cords. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
6K25e-125V	Magnum 6K25e Managed Switch, base unit. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 26 ports max or 8 gig ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, power input is 125VDC, 19" rack-mounting brackets. For licensed management software, see applicable datasheet.	EOL
6K25e-48V	Magnum 6K25e Managed Switch, base unit. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 26 ports max or 8 gig ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, power input is -48VDC, 19" rack-mounting brackets. For licensed management software, see applicable datasheet.	EOL
10XTS-HSPHH	Magnum 10XTS substation hardened router terminal server, front-mount, with two 90-250V AC/DC hot-swap power supply slots. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTS-HSPHL	Magnum 10XTS substation hardened router terminal server, front-mount, with one 90-250V AC/DC and one 24/48VDC hot-swap power supply slot. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTS-HSPLL	Magnum 10XTS substation hardened router terminal server, front-mount, with two 24-48VDC hot-swap power supply slots. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTS-L	Magnum 10XTS substation hardened router terminal server, front-mount in rack, with integral 24/48VDC Power Supply. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSR-AC	Magnum 10XTS substation hardened router terminal server, reverse-mount in rack, with an auto-sensing worldwide AC power type power supply (100-240V AC only) using a UL-registered recessed-male IEC 320 power connector suitable for worldwide AC power cords. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSR-HSPHH	Magnum 10XTS substation hardened router terminal server, reverse-mount, with two 90-250V AC/DC hot-swap power supply slots. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSR-HSPHL	Magnum 10XTS substation hardened router terminal server, reverse-mount, with with two hot-swap power supply slots, one 90-250V AC/DC and one 24-48VDC. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSR-HSPLL	Magnum 10XTS substation hardened router terminal server, reverse-mount, with two 24-48VDC hot-swap power supply slots. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSR-L	Magnum 10XTS substation hardened router terminal server, reverse-mount in rack, with integral 24/48VDC Power Supply. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
6K25-125V	Magnum 6K25 Managed Fiber Switch, base unit. May be configured with a selection of 10/100/1000 6K Fiber and copper port connector types, 25 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs, internal 125VDC (88-300VDC) power supply, 19" rack-mounting brackets.	EOL
6K25-48V	Magnum 6K25 Managed Fiber Switch, base unit. May be configured with a selection of 10/100/1000 6K Fiber and copper port connector types, 25 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs, internal -48VDC (36-70VDC) power supply, 19" rack-mounting brackets.	EOL
6K32F-125V	Magnum 6K32F Managed Switch, base unit with 4 slots. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 32 SFF fiber ports max, or 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, power input is 125VDC (range 88 to 300VDC), and 19" rack-mounting brackets are included. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32F-48V	Magnum 6K32F Managed Switch, base unit with 4 slots. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 32 SFF fiber ports max, or 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, power input is 48VDC, and 19" rack-mounting brackets are included. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32FRC-2AC	Dual PS model, Magnum 6K32FRC Reverse Managed Switch, base unit with 4 slots. There are 2 internal AC power supplies with logic to provide for load sharing and maintaining switch power with 1 PS failure. Convection-cooled. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, user ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. Internal universal AC power supply and 19" rack-mounting brackets are included. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
10XTS-H	Magnum 10XTS substation hardened router terminal server, front-mount in rack, with integral 90-250V AC/DC Power Supply. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
6K25Re-125V	Reverse? model. Magnum 6K25Re Managed Switch, base unit. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 26 ports max or 8 gig ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, power input is 125VDC (range 88 to 300VDC), 19" rack-mounting brackets. For licensed management software, see applicable datasheet. User ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. user ports and the power input connectors are in the rear.	EOL
6K25Re-48V	Reverse? model. Magnum 6K25Re Managed Switch, base unit. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 26 ports max or 8 gig ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, power input is -48VDC, 19" rack-mounting brackets. For licensed management software, see applicable datasheet. User ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. user ports and the power input connectors are in the rear.	EOL

	Magnum 10XTS substation hardened router terminal server, reverse-mount in rack, with integral 90-250V AC/DC Power Supply. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSR-H	Magnum 10XTS substation hardened router terminal server, front-mount, with two 24-48VDC hot-swap power supply slots. Supports PoE - choose PoE module(s) separately 10K4PX-RJ45 supports PoE plus. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. One Form C alarm with NC/NO, software controllable, metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSP-HSPLL	Magnum 10XTS substation hardened router terminal server, front-mount in rack, with integral 24/48VDC Power Supply. Supports PoE - choose PoE module(s) separately 10K4PX-RJ45. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. One Form C alarm with NC/NO, software controllable, metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSP-L	Magnum 6K16 Managed Fiber Switch, base unit with front-to-rear fan cooling, for rack mounting or table-top. May be configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of port modules. 16 ports max. 125VDC (88-330 range) power input located on the front left. Two metal brackets for shelf or table-top mounting. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, alarm contacts, 4K node address table, 240KB packet buffers.	EOL
6K16-125V	Magnum 6K16 Managed Fiber Switch, base unit with front-to-rear fan cooling, for rack mounting or table-top. May be configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of port modules. 16 ports max. -48VDC (36-70 range) power input, located on the front left. Two metal brackets for shelf or table-top mounting. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, alarm contacts, 4K node address table, 240KB packet buffers.	EOL
6K16-48V	Magnum 6K32FC Managed Switch, base unit with 4 slots. Convection-cooled. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, power input is 125VDC (range 88 to 300VDC) and 19" rack-mounting brackets are included. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32FC-125V	Magnum 6K32FC Managed Switch, base unit with 4 slots. Convection-cooled. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs, power input is 48VDC and 19" rack-mounting brackets are included. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32FC-48V	Magnum 6K32F Reverse Managed Switch, base unit with 4 slots. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 32 SF2 fiber ports max, or 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, user ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. The power input is 125VDC (range 88 to 300VDC) and 19" rack-mounting brackets are included. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32FR-125V	Magnum 6K32F Reverse Managed Switch, base unit with 4 slots. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 32 SF2 fiber ports max, or 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, user ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. The power input is 48VDC and 19" rack-mounting brackets are included. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32FR-48V	Magnum 10XTS substation hardened router terminal server, front-mount in rack, with two fixed integral 90-250V AC/DC power supplies. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTS-HH	Magnum 10XTS substation hardened router terminal server, front-mount in rack, with two fixed integral power supplies, one 90-250 AC/DC, one 24-48VDC. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTS-HL	Magnum 10XTS substation hardened router terminal server, front-mount in rack, with two fixed integral 24-48VDC power supplies. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTS-LL	Magnum 10XTS substation hardened router terminal server, reverse-mount, with two 24-48VDC hot-swap power supply slots. Supports PoE - choose PoE module(s) separately 10K4PX-RJ45 supports PoE plus. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. One Form C alarm with NC/NO, software controllable, metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSPR-HSPLL	Magnum 10XTS substation hardened router terminal server, reverse-mount in rack, with integral 24/48VDC Power Supply. Supports PoE - choose PoE module(s) separately 10K4PX-RJ45. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. One Form C alarm with NC/NO, software controllable, metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSPR-L	Reverse model Magnum 6K25 Managed Fiber Switch, base unit. May be configured with a selection of 10/100/1000 6K Fiber and copper port connector types, 25 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs, user ports and power input in rear. internal 125VDC (88-150VDC) power supply, 19" rack-mounting brackets.	EOL
6K25R-125V	Reverse model Magnum 6K25 Managed Fiber Switch, base unit. May be configured with a selection of 10/100/1000 6K Fiber and copper port connector types, 25 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs, user ports and power input in rear. internal -48VDC (36-70VDC) power supply, 19" rack-mounting brackets.	EOL
6K25R-48V	Magnum 6K16V Managed Fiber Switch, base unit, for vertical mounting. May be configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of port modules. 16 ports max. Power input is 125VDC (range 88 to 300VDC), located at the bottom left. Two metal brackets for vertical wall or panel mounting. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, alarm contacts, 4K node address table, 240KB packet buffers.	EOL
6K16V-125V	Magnum 6K16V Managed Fiber Switch, base unit, for vertical mounting. May be configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of port modules. 16 ports max. Power input is -48VDC (range -36 to 70VDC), located at the bottom left. Two metal brackets for vertical wall or panel mounting. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, alarm contacts, 4K node address table, 240KB packet buffers.	EOL
6K16V-48V	Magnum 10XTS substation hardened router terminal server, reverse-mount in rack, with two fixed integral 90-250V AC/DC power supplies. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSR-HH	Magnum 10XTS substation hardened router terminal server, reverse-mount in rack, with two fixed integral power supplies, one 90-250 AC/DC, one 24-48VDC. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSR-HL	Magnum 10XTS substation hardened router terminal server, reverse-mount in rack, with two fixed integral 24-48VDC power supplies. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSR-LL	Magnum 6K32T Managed Switch, base unit with 16 fixed 10/100 copper ports and two port module slots. The port module slots may be configured with a selection of 10/100/1000 6K fiber and copper port connector types, 32 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs, internal 125VDC (88-150VDC range) power supply, 19" rack-mounting brackets.	EOL
6K32T-125V	Magnum 6K32T Managed Switch, base unit with 16 fixed 10/100 copper ports and two port module slots. The port module slots may be configured with a selection of 10/100/1000 6K fiber and copper port connector types, 32 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs, internal -48VDC (36-70VDC range) power supply, 19" rack-mounting brackets.	EOL
6K32T-48V	Magnum 6K32FRC Reverse Managed Switch, base unit with 4 slots. Convection-cooled. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, user ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. The power input is 125VDC (range 88 to 300VDC) and 19" rack-mounting brackets are included. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32FRC-125V	Magnum 6K32FRC Reverse Managed Switch, base unit with 4 slots. Convection-cooled. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, user ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. The power input is 48VDC and 19" rack-mounting brackets are included. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32FRC-48V		EOL

	Magnum 10XT5 substation hardened router terminal server, front-mount in rack, with two integral 24/48VDC power supplies. Supports PoE - choose PoE module(s) separately 10K4PX-RJ45. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. One Form C alarm with NC/NO, software controllable, metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSP-LL	Magnum 6K32TR reverse mount Managed Switch, base unit with 16 fixed 10/100 copper ports and two port module slots. The port module slots may be configured with a selection of 10/100/1000 6K fiber and copper port connector types, 32 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, user ports and power input connectors in rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side, internal 125VDC (88-150 range) power supply, 19" rack-mounting brackets.	EOL
6K32TR-125V	Magnum 6K32T ???Reverse??? Managed Switch, base unit with 16 fixed 10/100 copper ports and two port module slots. The port module slots may be configured with a selection of 10/100/1000 6K fiber and copper port connector types, 32 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, user ports and power input connectors in rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side, internal 125VDC (88-150 range) power supply, 19" rack-mounting brackets.	EOL
6K32TR-48V	Magnum 10XT5 substation hardened router terminal server, reverse-mount in rack, with two integral 24/48VDC power supplies. Supports PoE - choose PoE module(s) separately 10K4PX-RJ45. May be factory-configured with a variety of Ethernet, Serial and IRIG-B modules. Configure up to 36 ports in a mix of Ethernet ports and serial ports. Heavy-duty case with convection cooling. One Form C alarm with NC/NO, software controllable, metal bracket for rack mounting. For licensed network management software information (MNS-DX, MNS-DX-SECURE), see their respective data sheets.	EOL
10XTSPR-LL	Magnum 6K32TRC "Reverse" rack-mount Convection-cooled Managed Switch, base unit with 16 fixed 10/100 copper ports and two port module slots. The port module slots may be configured with a selection of 10/100/1000 6K fiber and copper port connector types, 32 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs and also port-side LEDs for status viewing from either side, internal 125VDC (88-150VDC range) power supply, 19" rack-mounting brackets.	EOL
6K32TRC-125V	Magnum 6K32TRC "Reverse" rack-mount Convection-cooled Managed Switch, base unit with 16 fixed 10/100 copper ports and two port module slots. The port module slots may be configured with a selection of 10/100/1000 6K fiber and copper port connector types, 32 total ports max. Wire speed filtering and forwarding across all ports, 802.3x flow control, 802.1p priority packet processing, self-learning 4K-node address table, large 240KB packet buffers for 10/100 and 120KB for 1000Mb. Plug-and-play switching services, front-mounted LEDs and also port-side LEDs for status viewing from either side, internal 125VDC (88-150VDC range) power supply, 19" rack-mounting brackets.	EOL
6K32TRC-48V	Dual PS ???Reverse??? model. Magnum 6K25Re Managed Switch, base unit. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 26 ports max or 8 gig ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, front-mounted LEDs. There are 2 internal 125VDC power supplies (110 - 250VDC) with logic to provide for load sharing and maintaining switch power with 1 PS failure. 19" rack-mounting brackets. For licensed management software, see applicable datasheet. User ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. user ports and the power input connectors are in the rear.	EOL
6K25Re-125V-DSRC	Dual PS model, Magnum 6K32FRC Reverse Managed Switch, base unit with 4 slots. There are 2 internal 125VDC power supplies (110 - 250VDC) with logic to provide for load sharing and maintaining switch power with 1 PS failure. Convection-cooled. May be configured with a selection of 10/100/1000 Mb fiber and copper connector types, 16 standard 100Mb or 10Mb fiber ports max, or 8 gig ports max, or 32 10/100 copper ports max. A family of 37 modules are available for essentially unlimited configuration flexibility. Wire-speed filtering and forwarding across all ports. Plug-and-play switching services, user ports and the power input connectors are in the rear. Two sets of LEDs (front and rear) provide duplicate status data display for viewing from either side. The power input is 125VDC (range 88 to 300VDC) and 19" rack-mounting brackets are included. For licensed management software, MNS-6K basic or MNS-6K-SECURE, see applicable datasheet.	EOL
6K32FRC-2DC125	Blank module with no fiber ports, included in 4K24F Switch unit when no fiber port option is selected or configured.	EOL
PPM-BLNK	Blank cover for an unused port in 4K8 or 8000X	
PM-BLNK	Face Plate (order 1 to cover each empty slot)	
PM-FP	DB9 Male/Tinned Leads 10 Foot Cable	
ACC-CBL1	Cable kit for 24VDC input to the DC power input jack of one E542 , any 24VDC model	
DUAL-SRC-24KIT	Blank module with no fiber ports, included in 4K24F Switch unit when no fiber port option is selected or configured.	
FKM-BLNK	Link Cantilever Shelf	
ACC-LCS	Star Wall Mount Bracket	
ACC-SWMB	Blank cover for one 6K A,B,C module slot opening in a Magnum 6K chassis	
6KM-BLNK	Blank cover for 1 un-used 6KQ module slot	
6KQ-BLNK	Star Rack Mount Bracket	
ACC-SRMB	DIN-Rail mounting bracket, factory attached at center-top-rear to one P62 or PSX box.	
DIN-RAIL-P62	Convert the standard external PS on one Magnum unit to the equivalent universal auto-ranging PS for 90-260vac 50-60Hz, with IEC AC plug 2.5mm+center jack. Order as a line item with the Magnum unit.	
PSA-CONVERSION	DIN-Rail holder for a secure vertical mount of 6KL, with screws to attach to 6KL case.	
DIN-RAIL-6KL	DIN-Rail holder for a secure vertical mount of 6KM, with screws to attach to 6KM case.	
DIN-RAIL-6KM	DIN-Rail mounting hardware for one Magnum "14-Series" Converters and "42-Series" Edge Switch product. Consists of snap-on metal mounting bracket and for a DIN-Rail, and 4 associated screws.	
DIN-RAIL-MC2	DX40 Panel-mount brackets. Spares, or for field installation / conversion.	
DX40-ACC-PMB	Omni-directional external dipole Antenna. This pair of "rabbit ears" antennas has 3 db gain, and attaches to both of the cellular port connectors.	
DXCV-ANT-DIPOLE	External Power Supply unit, rated for office and wiring closet use. For North American AC power receptacles at 115vac 60Hz, with wall plug or power cord.	
PS-12V1A-d	External Power supply unit, rated for office and wiring closet use. AC power at 230vac 50Hz, with integral IEC recessed male connector.	
PS-12V1A-i	Panel-mount brackets for one DX900 or DX800 unit. Spares, or for field installation / conversion.	
ACC-DX-00-PM	Set of two rack-mount brackets for one 6K16 unit in a 19" RETMA 1U rack space, with screws to attach the metal mounting brackets to the case. Can add Model K16-EXTN-KIT to extend to ETSI and 23" rack widths.	
K16-RMB	Metal bracket for 6KQ and 6KQE, used for cable strain relief when the switch is vertically mounted.	
KQ-CABLE-BKT	External Power Supply unit, industrial temperature rated and ardened for factory floor use. For North American AC power receptacles at 115vac 60Hz, with wall plug or power cord.	
PSH-12V1A-Hd	External Power supply unit, industrial temperature rated and hardened for factory floor use (-25°C to 60°C). AC power at 230vac 50Hz, with integral IEC recessed male connector.	
PSH-12V1A-Hi	External 5V 2A power supply, Extended Temperature -40°C to 55°C ambient rating, wall plug for North American receptacles, universal AC input at 50-60Hz, 100-240vac. Use with DS80 hubs, P80 switches and 15E Media Converter units.	
PSW-5V2A-Hd	External 5V 2A power supply, Extended Temperature -40°C to 55°C ambient rating, wall plug for international receptacles (via non-North American adapter), universal AC input at 50-60Hz, 100-240vac. Use with DS80 hubs, P80 switches and 15E Media Converter units.	
PSW-5V2A-Hi	External 9V 1A power supply, Extended Temperature -40°C to 55°C ambient rating, wall plug for North American receptacles, universal AC input at 50-60Hz, 100-240vac. Use with TF14 and 14E Media Converters.	
PSW-9V1A-Hd	External 9V 1A power supply, Extended Temperature -40°C to 55°C ambient rating, wall plug for international receptacles (via non-North American adapter), universal AC input at 50-60Hz, 100-240vac. Use with TF14 and 14E Media Converters.	
PSW-9V1A-Hi	Side-position rack-mount bracket for one E542 Switch. Mounts on outside of vertical rack rail, uses no rack-mount-inside space. Consists of 2 metal Magnum Mounting Brackets, 2 DIN-rail clips, and associated screws.	
RK19-RAIL-MC2	DIN-Rail-mount brackets for one Serial Link / Repeater unit. ?Spares , or for field installation / conversion.	
ACC-DIN	Console attachment cable, serial Null Modem (aka Xmodem) cable with DB9 connectors	
CONSOLE-CBL	Console attachment cable, serial "Null Modem" (aka X-modem) cable with one RJ-45 (for the 6KQ, 6KL, DX940, 10KT and 10ETS) and one DB-9 connector for a PC.	
CONSOLE-CBLQD	External Power Supply unit, Premium-rated for un-controlled temperature and outdoor use. For North American AC power receptacles at 115vac 60Hz, with wall plug or power cord.	
PSP-12V1A-Pd	External Power supply unit, Premium-rated for un-controlled temperature and outdoor use (-40°C to 75°C). AC power at 230vac 50Hz, with integral IEC recessed male connector.	
PSP-12V1A-Pi	External 12V 1A power supply, Extended Temperature -40°C to 55°C ambient rating, wall plug for North American receptacles, universal AC input at 50-60Hz, 100-240vac. Use with Hardened Edge Switches, Hardened Converter Switches, Hardened Convenience Switches, 10Mb Personal Hubs, TB14, TB14H, BF15, TA15 Media Converters.	
PSW-12V1A-Hd	External 12V 1A power supply, Extended Temperature -40°C to 55°C ambient rating, wall plug for international receptacles (via non-North American adapter), universal AC input at 50-60Hz, 100-240vac. Use with Hardened Edge Switches, Hardened Converter Switches, Hardened Convenience Switches, 10Mb Personal Hubs, TB14, TB14H, BF15, TA15 Media Converters.	
PSW-12V1A-Hi	DIN-Rail-mount brackets for one DX900 or DX800 unit. Spares, or for field installation / conversion.	
ACC-DX-00-DM	Side mount DIN-Rail-mount brackets for one DX940 unit. Mounts to side of DX940 to minimize DIN-Rail horizontal space. Spares, or for field installation / conversion.	
ACC-DX-00-DMS	Rack-mount brackets for one DX900 or DX800 unit. Spares, or for field installation / conversion.	
ACC-DX-00-RM	Console attachment cable, serial "Null Modem" (aka X-modem) cable with one RJ-45 (for the 6KQ, 6KL, DX940, 10KT and 10ETS) and a USB connector for a PC.	
CONSOLE-CBLQU	Console attachment cable, serial Null Modem (aka Xmodem) cable with one DB9 for the managed switch and a USB connector to a PC.	
CONSOLE-DIB	DIN-Rail mounting hardware for one Magnum "14-Series" Converter and "42-Series" Edge Switch product. Consists of a metal mounting bracket for a DIN-Rail mount with a spring-loaded latch, and 4 associated screws.	
DIN-RAIL-LATCH	Set of two DIN-Rail holders for a secure vertical mount of 6K16V, with screws to attach to metal mounting brackets and to case. May also be used for most 1U RM Magnum units.	
DIN-RAIL-VRM	Magnum 12XX console attachment cable, serial configuration cable.	
CONSOLE-CBL-12XX	Console attachment cable for 6KM, with an M12 for the 6KM managed switch and a DB-9 connector for a PC. Also includes a conversion / extender cable to go from DB9 to USB.	
CONSOLE-CBLM	DIN-Rail holder for a secure vertical mount of 6KQ and 6KQE, with screws to attach to 6KQ case.	
DIN-RAIL-6KQ	DIN-Rail holder for a secure vertical mount of 6KQE, with screws to attach to 6KQE case.	
DIN-RAIL-6KQE	Kit of extender brackets, for converting one K16-RMB or one K16-2TRAY to ETSI and / or to 23" Telco rack width.	
K16-EXTN-KIT	External 12V 1A PS, universal auto-ranging 90-260vac 50-60Hz, with IEC AC plug, 2.5mm +center jack.	
PSA-12V1A-u	External 5V 2A PS, universal auto-ranging 90-260vac 50-60Hz, with IEC AC plug, 2.5mm +center jack.	
PSA-5V1A-u		

PSA-5V2A-u	External 5V 2A PS, universal auto-ranging 90-260vac 50-60Hz, with IEC AC plug, 2.5mm +center jack.
PSA-9V1A-u	External 9V 1A PS, universal auto-ranging 90-260vac 50-60Hz, with IEC AC plug, 2.5mm +center jack.
RMB-19R	Pair brackets with necessary screws for additional rear mount of 10-series products - standard (non thermal fin) chassis
RMB-19RF	Pair brackets with necessary screws for additional rear mount of 10-series products - thermal fin chassis
RMB-23W	Rack mount kit (2 brackets) for one 1U Magnum rack mount RETMA hub, switch, or DX Router in a 23 telco rack
RMBE-23W	Rack mount kit (2 brackets) for one 1U Magnum rack mount RETMA hub, switch, or DX Router in a 23 telco rack
RMB-ETSI	ETSI Rack-mount option (two metal brackets) for any one Magnum rack mount switch, hub, or DX Router. These brackets extend the effective width from a 19" standard rack size to ETSI width, and have ETSI multi-mode mounting holes.
10K-PSBLNK	Blank cover for one hot-swap power supply slot in 10-series products. These may be factory configured and installed, or ordered separately for use as a spare to fill the power supply opening while one PS is removed for service.
ACC-CBL2	DB9 Male/4 DB9 Female 1 X 4 Interface Cable 1 Foot
ACC-DX-00-RRM	Reverse Rack-mount brackets for one DX900 or DX800 unit. Spares, or for field installation / conversion.
K16-RMB-CTR	Set of two rack-mount brackets for one 6K16 unit, center-mount in a 19" RETMA 1U rack space, Part # 00-00165, with screws to attach the metal mounting brackets to the case. Can add Model K16-EXTN-KIT to extend to ETSI and 23" rack widths.
CONFORMAL-CR-05	Media converter size Conformal coating, silicone at 5 mil thickness for protection against moisture. Coats interior PCBs of one "Factory Floor" (smaller than full-width rack-mount, non-modular) product. (Previous model number reference CONFORM05-CR)
K8PM-RJ45	K8PM-RJ45
CONFORM08-CR	Media converter size conformal coating, heavy-duty silicone at 8 mil thickness for harsh corrosive environments. Coats interior PCBs of one "Factory Floor" (smaller than full-width rack-mount, non-modular) product.
DIN-VM16-KIT	Kit for variable mounting height on DIN-Rail of a Magnum 6K16V. Consists of 2 variable height plates, two DIN-Rail holders with extended release mechanism, four metal brackets for attaching to 6K16V chassis, and associated assembly screws.
FPC-SSCT	Fiber port-conversion cable, single-mode SC (with adapter) and ST, one meter length. No discount
FPC-MSLC	Fiber port-conversion cable, multi-mode SC (with adapter) and LC, one meter length. No discount
FPC-MSCMT	Fiber port-conversion cable, multi-mode SC (with adapter) and MT-RJ, one meter length. No discount
FPC-MSTLC	Fiber port-conversion cable, multi-mode ST (with adapter) and LC, one meter length. No discount
FPC-MSTMT	Fiber port-conversion cable, multi-mode ST (with adapter) and MTRJ, one meter length. No discount
KT-RFAN	Removeable fan unit for extra cooling of 10-series products. Optional for 0 to 16 fiber ports, required for 18 to 36 fiber ports. The following do NOT accept KT-RFAN option 10XTS, 10ETS, plus 10KT & 10KG units with two fixed power supplies.
PSAC-24V60	External Hardened Power Supply for AC to 24VDC, 60 watts, for -20ø to 60øC ambient temperature, panel or DIN-Rail mount. (Not Discountable).
PSAC-48V60	External Hardened Power Supply for AC to 48VDC for PoE, 60 watts, for -20ø to 60øC ambient temperature, panel or DIN-Rail mount.
FPC-SSCLC	Fiber port-conversion cable, single-mode SC (with adapter) and LC, one meter length. No discount
FPC-SSCMT	Fiber port-conversion cable, single-mode SC (with adapter) and MTRJ, one meter length. No discount
FPC-SSTMT	Fiber port-conversion cable, single-mode ST (with adapter) and MTRJ, one meter length. No discount
10T52-HSFP	SFP module with two 100Mb open SFP ports, for use with any GC high temp fiber or copper 100Mb SFPs
ALARM-TERMBLK	Alarm contacts option on 6K25s and 6K32s, two NC Form C, 1 for power and 1 software controlled, terminal block mounted in power panel
MC14-TRAY	Rack-mount tray for "14-series" media cvtrs, Converter Switches, S14s, Edge Switches. 2.25"H, up to 16 units mix-and-match 10Mb and 100Mb Two DB-9 serial ports module for 10ETS/10XTS. Each serial port is RS232 / RS485 / RS422, software selectable by the user at system initialization. MNS-DX licensed software includes support for Async to TCP/IP connectivity, Serial-IP terminal services, Serial Port VLANs and secure management of serial ports. The serial signals are for a DTE and are the same as those on Magnum DX routers with serial ports. PTA: 2 x DB9, DCE, RS232 Serial Module PTA: 2 x DB9, DTE, RS232/RS485/RS422 Serial Module
10T52-DB9	TP module with two 10/100Mb auto-negotiating auto-cross RJ-45 ports
10T52-DB9-DCE	Gig Fiber Optic SFP transceiver, 1000Mb SX, 850nm wavelength, 550meters distance nominal, 2Km per Power Budget
10T52-DB9-DTE	Rack-mount tray, for use with DS880s, DS50s, DS80s, P80s, w/ ETSI and 23" brackets. Occupies 1U rack space. Kit, holds one or two units side-by-side, any combination, mix-and-match.
10T52-RJ45	100Mb Copper SFP transceiver, 10/100 auto-negotiating, Premium-rated for harsh environments.
SFP-SX	Individual module conformal coating, silicone at 5 mil thickness for protection against moisture. Coats interior PCBs of one individual module only.
TT-TRAY	Magnum Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
SFP100P-RJ45	100Mb Copper SFP transceiver, 10/100 auto-negotiating, Premium-rated for harsh environments.
CONFORM05-RM	Magnum Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-d	Magnum Hardened Mobile PoE Injector.
ES42-i	6KQ module, one 100Mb 2km multi-mode SC fiber ports, factory slot C fiber-only
PI1-12T24V-M12	6KQ module, one 100Mb 2km multi-mode ST fiber ports, factory slot C fiber-only
6KQF-1MSC	6KL module, add four 10/100 copper ports in 6KL slot C
6KQF-1MST	Rack-mount tray and metal brackets for holding one, or two@side-by-side, 6KLs or 6KMs in a 19" 1.5U rack space, each 6KL or 6KM individually removable. Optional rack-mount brackets for ETSI or 23Telco racks are available.
6KL4-RJ45	Magnum DX Premium Support Program for DX1000 Terminal Server, includes models DX1000-TS-01-x and DX1000-TS-02-x. Comprehensive software and technical support program incorporating help desk, software trouble shooting and software updates. Priority telephone and e-mail technical support (help desk and trouble shooting) Monday through Friday 8am - 8pm USA Eastern Standard Time (5am to 5pm PST), excluding customary holidays. Product notice program and FTP and email access to all software releases available during program period, including both maintenance and new feature software releases. Annual, renewable plan must be maintained contiguously from original product purchase. Program administered across all customer's Magnum DX products. Program may optionally be purchased for multiple years in advance.
KL-2Tray	External 24-to-12VDC Power Supply, rated at 75øC, for 1a@12v, with DC jack and 6 ft cord
DXSUP-1000TS	External 24VDC Power Supply for 1a@12v, with DC jack and 6 ft cord
XTPH12-24VDC	Power Supply for PoE to 4 ports, 60 watts, mounts inside of a full-width rack-mount 6K Switch with AC power input.
XTPS12-24VDC-OR	Smaller switch conformal coating, silicone at 5 mil thickness, of interior PCBs, PS and modules of one Field Switch (6KQ, 6KQE, 6K8, 6KL, 6KM).
6KAC-PoE-PS	
CONFORM05-CRM	
CONFORMAL-CRM-05	Smaller switch conformal coating, silicone at 5 mil thickness, of interior PCBs, PS and modules of one Field Switch (6KQ, 6KQE, 6K8, 6K16, 6K16V, 6KL, 6KM).
CS14-SC-NOPS	Magnum Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets included. No external power supply.
CSN14-d	Magnum Converter Switch, one 10Mb mm fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
CSN14-i	Magnum Converter Switch, one 10Mb multi-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments (0øC to 40øC). Metal panel mounting brackets and external AC power supply included.
ES42H-12VDC	Magnum Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25øC to +60øC). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
10K4-RJ45	TP module w/ four 10/100Mb auto-negotiating auto-cross RJ-45 ports
CS14-SC-d	Magnum Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
CS14-SC-i	Magnum Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments (0øC to 40øC). Metal panel mounting brackets and external AC power supply included.
CS14-ST-d	Magnum Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
CS14-ST-i	Magnum Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments (0øC to 40øC). Metal panel mounting brackets and external AC power supply included.
DUAL-SRC-125V	Provides two separate 125VDC power inputs (the unit will operate from either or both) to accommodate redundant 125V installations for increased availability and ease of DC power source maintenance. Includes internal diode protection to prevent feedback. Order this option as a line item, for factory configuration as part of the Magnum unit, which will have its model number changed to append "-DSRC".
DUAL-SRC-12V	Provides two separate 12VDC power inputs (the unit will operate from either or both) to accommodate redundant 12V installations for increased availability and ease of DC power source maintenance. Includes internal diode protection to prevent feedback. Order this option as a line item, for factory configuration as part of the Magnum unit, which will have its model number changed to append "-DSRC".
DUAL-SRC-24V	Provides two separate 24VDC power inputs (the unit will operate from either or both) to accommodate redundant 24V installations for increased availability and ease of DC power source maintenance. Includes internal diode protection to prevent feedback. Order this option as a line item, for factory configuration as part of the Magnum unit, which will have its model number changed to append "-DSRC".
DUAL-SRC-48V	Provides two separate 48VDC power inputs (the unit will operate from either or both) to accommodate redundant 48V installations for increased availability and ease of DC power source maintenance. Includes internal diode protection to prevent feedback. Order this option as a line item, for factory configuration as part of the Magnum unit, which will have its model number changed to append "-DSRC".
DUAL-SRC-L	Provides two separate 24/48VDC power inputs (the unit will operate from either or both) to accommodate redundant 24/48V installations for increased availability and ease of DC power source maintenance. Includes internal diode protection to prevent feedback. Order this option as a line item, for factory configuration as part of the 10-series units (not available for 10C), which will have its model number changed to append "-DSRC". ONLY available on "L", "LL" or "HSPLL" chassis options. Note - not needed for "LL" PoE chassis which are inherently dual-source.

EOL

ES42H-Hd	Magnum Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ES42H-HI	Magnum Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
XTPH5-24VDC	External 24-to-5VDC Power Supply, rated at 75°C, for 2a@5v, with DC jack and 6 ft cord	
XTPSWS-24VDC	External 24VDC Power Supply, rated at 75°C, for 2a@5v, w/ DC 2.5mm +center jack and 6 ft cord	
DUAL-SOURCE-CP80	Dual Source DC power input for redundancy is a configuration option at 12V, 24V, and -48VDC. Includes internal diode protection to prevent feedback. Order this option as a line item for factory configuration.	
ES42H-24VDC	Magnum Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
6K125VDC-PoE-PS	Power Supply for PoE to 4 ports, 60 watts, mounts inside of a full-width rack-mount 6K Switch with 125VDC power input.	
CONFORM08-RM	Individual module conformal coating, silicone at 8 mil thickness for protection against harsh corrosive environments. Coats interior PCBs of one individual module only. Omni-directional low profile external dome antenna. Has 3 db gain. Suitable for mounting on side of a building. Requires a low impedance cable, such as the Belden 9913 Coax - RG-8/U Type cable, from the antenna to the DX cellular port connectors. Refer to GCI Antenna Tech Brief for additional components recommended (e.g. lightning arresters, etc.) A 6-foot cable is included. Mounting gear is not included.	
DXCW-ANT-DOME	Fiber Port Module for 4K8 Bonus Port, and / or for 8000X, with a 100Mb multi-mode FX SC connector	
FFM-M5C	Fiber Port Module for 4K8s and 8000Xs, with a 100Mb multi-mode FX ST connector	
FFM-M5T	Fiber Port Module for 4K8 Bonus Port, and / or for 8000X, with a 100Mb multi-mode FX MT-RJ connector	
FFM-MTRJ		
ES42HR-24VDC	Magnum Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.	
ES42P-12VDC	Magnum Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ESD42-d	Dual-Homing Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
ESD42-i	Dual-Homing Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
IPS42-AC	Internal Power Supply chassis for use with any ES42H or ES42P Series Edge Switch, or any PES42H Edge Switch. Requires simultaneous ordering of an ES42 (without external power supply) as a separate line item. Standard world-wide AC power input via standard IEC 320 recessed male connector, UL Listed and surge protected.	EOL
IPS42-AC/DC	Internal Power Supply chassis for use with any ES42H or ES42P Series Edge Switch or any PES42H or PES42P PoE Edge Switch. Requires simultaneous ordering of an ES42 (without external power supply) as a separate line item. Rated 100 to 250 Volts, AC or DC.	EOL
IPS42-AC-DC	Internal Power Supply chassis for use with any ES42H or ES42P Series Edge Switch or any PES42H or PES42P PoE Edge Switch. Requires simultaneous ordering of an ES42 (without external power supply) as a separate line item. Rated 100 to 250 Volts, AC or DC. Power input via recessed terminal block, UL Listed and surge protected.	EOL
SFP100H-FXMM2	100FX SFP-1C Premium MM fiber optic plug-in, Multi-mode fiber 2 km, 100Mb Small Form-factor Pluggable (SFP) with LC connector, Premium rated for -40 to +85 degrees C	
SFP100P-FXMM2	100FX SFP-1C Premium-rated plug-in Multi-mode fiber optic 2 km 100Mb Small Form-factor Pluggable (SFP) with LC connector, Premium rated for -40 to +85 degrees C	
XTPH12-48VDC	External 48-to-12VDC Power Supply, rated at 75°C, for 1a@12v, with DC jack and 6 ft cord	
XTPS12-48VDC-2.1MM	External 48VDC Power Supply for 1a@12v, with DC jack and 6 ft cord	
XTPS12-48VDC-2.5MM	External 48VDC Power Supply for 1a@12v, with DC jack and 6 ft cord	
MC14-TR+PS9	Rack-mount tray for "14-series" media cvtrs, Converter Switches, S14s, 2.25" H, up to 16 units mix-and-match 10Mb and 100Mb, with 9vdc PS (range 8-14V) and ten power connectors. The power supply is auto-ranging 110-240vac, 50-60Hz, rated at 40 watts and 50°C.	
SFP-LX10	Gig Fiber Optic SFP transceiver, 1000Mb LX, 1310nm wavelength, 10km distance nominal, 22Kw per Power Budget	
ES42P-24VDC	Magnum Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ES42P-Pd	Magnum Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ES42P-Pi	Magnum Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
SFP-ESX	Gig Fiber Optic SFP transceiver, 1000Mb Extended SX, 1310nm wavelength, 2km distance nominal, 3Kw per Power Budget	
SFP-GTP	Gig SFP transceiver, provides one 1000Mb copper port, RJ45 port type.	
XTPH5-48VDC	External 48-to-5VDC Power Supply, rated at 75°C, for 2a@5v, with DC jack and 6 ft cord	
XTPS5-48VDC	External 48VDC Power Supply for 2a@5v, with DC jack and 6 ft cord	
10TS2-DB9-IRIGB	Two DB-9 serial ports module for 10ETS/10XTS. Each serial port is RS232 / RS485 / RS422, software selectable by the user at system initialization. MNS-DX licensed software includes support for Async to TCP/IP connectivity, Serial-IP terminal services, Serial Port VLANs and secure management of serial ports. The serial signals are for DTE and are the same as those on Magnum DX routers with serial ports with IRIG-B signals for time synchronization. Note serial ports are DCE and the pinouts are designed to allow a straight-through cable to connect to SEL or equal LEDs in substations.	
CONFORM08-CRM	Smaller switch conformal coating, heavy-duty silicone at 8 mil thickness for harsh corrosive environments. Coats interior PCBs, power supply, and modules of one Magnum Field Switch (6KQ, 6KQE, 6K8, 6KL, 6KM) product.	
CS14-MTRJ-d	Magnum Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 110/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
CS14-MTRJ-i	Magnum Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 110/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments (0°C to 40°C). Metal panel mounting brackets and external AC power supply included.	
CSN14H-12VDC	Magnum Hardened Converter Switch, one 10Mb multi-mode fiber port and 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
XTPS5-24VDC	External 24-to-5VDC power supply for 2a@5v, with DC jack and 6 ft cord	
10TS2-DB9-DCE-IRIGB	PTA: 2 x DB9, DCE, RS232 Serial Module w/ IRIGB Timing	
10TS2-DB9-DTE-IRIGB	PTA: 2 x DB9, DTE, RS232/RS485/RS422 Serial Module w/ IRIGB Timing	
10TS2-DB9-X-IRIGB	PTA: 2 x DB9, RS232/RS485/RS422 Serial Module w/ IRIGB Timing	
CSN14H-Hd	Magnum Hardened Converter Switch, one 10Mb multi-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Metal panel mounting brackets included.	
CSN14H-Hi	Magnum Hardened Converter Switch, one 10Mb multi-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Includes external AC Hardened power supply into 12VDC jack with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
ESD42H-12VDC	Dual-Homing Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
SFP12KX-FXMM2	100FX Fiber Optic SFP transceiver for Magnum 12KX, LC socket, rated -40 to 85°C, multi-mode, 2Km distance.	
SFP12KX-SX	Gig Fiber Optic SFP transceiver for Magnum 12KX, LC socket, rated -40 to 85°C, 1000Mb SX, 850nm wavelength, 550meters distance nominal, 2Kw per Power Budget.	

CSN14H-24VDC	Magnum Hardened Converter Switch, one 10Mb multi-mode fiber port and 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
ES42PR-24VDC	Magnum Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL MC2 bracket included.
ESD42H-Hd	Dual-Homing Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-Hi ETP-1010	Dual-Homing Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
K16-2TRAY	Fault-tolerant mini-transceiver with redundant 10Mb RJ-45 ports Rack-mount tray for holding two side-by-side 6K16s in a 19" 1.5U rack space, each 6K16 unit individually removable for service. Can add Model K16-EXTN-KIT to extend to ETSI and 23" rack widths.
DXSUP-1000IRNW	Magnum DX Premium Support Program for DX1000 Industrial Router with no WAN ports (no DDS or T1/E1), includes models DX1000-IR-01-x and DX1000-IR-02-x? Comprehensive software and technical support program incorporating help desk, software trouble shooting and software updates. Priority telephone and e-mail technical support (help desk and trouble shooting) Monday through Friday 8am - 8pm USA Eastern Standard Time (5am to 5pm PST), excluding customary holidays. Product notice program and FTP and email access to all software releases available during program period, including both maintenance and new feature software releases. Annual, renewable plan must be maintained contiguously from original product purchase. Program administered across all customer's Magnum DX products. Program may optionally be purchased for multiple years in advance.
ESD42H-24VDC 6KM4-4M12 FKM-1SC-4K16 FKM-1SC-4K24 FKM-1ST-4K16 FKM-1ST-4K24 6KQ4-RJ45 6KLL-1MLC 6KLL-1MT	Dual-Homing Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included. 6KM module, add four M12 10/100 copper ports in 6KM slot C Fiber module with one 100Mb multi-mode FX SC connector Fiber module with one 100Mb multi-mode FX SC connector Fiber module with one 100Mb multi-mode FX ST connector Fiber module with one 100Mb multi-mode FX ST connector 6KQ module, four 10/100 copper ports, may be used in 6KQ slots B and/or D 6KLL module, add one mm SFF 100Mb LC fiber port in 6KLL slot C 6KLL module, add one mm SFF 100Mb MTRJ fiber port in 6KLL slot C
CONFORM05-RMOD	Full-rack-width switch conformal coating, silicone at 5 mil thickness for protection against moisture. Coats interior PCBs, power supply, and modules of one Magnum full-rack-width modular 6K25, 6K25e, 6K32 or 10-series product.
CS14H-SC-12VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CS14H-ST-12VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CS14-MLC-d	Magnum Converter Switch, one 100Mb multi-mode MLC fiber port and two 110/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
CS14-MLC-i	Magnum Converter Switch, one 100Mb multi-mode MLC fiber port and two 110/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments (0°C to 40°C). Metal panel mounting brackets and external AC power supply included.
CSN14HR-24VDC	Magnum Hardened Converter Switch, one 10Mb multi-mode fiber port and two 10/100 RJ45 ports in a compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2
CSN14P-12VDC	Magnum Premium-rated Converter Switch, one 10Mb multi-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, premium rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
ESD42HR-24VDC	Dual-Homing Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42P-12VDC	Dual-Homing Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
IPS42-125VDC-DSRC	Internal Power Supply chassis for use with any ES42H or ES42P Series Edge Switch. Requires simultaneous ordering of an ES42 (without external power supply) as a separate line item. Rated 100 to 250 Volts DC, Dual Source. Power input via recessed terminal
IPS42-24VDC-DSRC	Internal Power Supply chassis for use with any non-PoE ES42H or ES42P Series Edge Switch. Requires simultaneous ordering of an ES42 (without external power supply) as a separate line item. Rated 20 to 36 Volts DC, Dual Source. Power input via recessed terminal block, UL Listed and surge protected.
IPS42-48VDC-DSRC	Internal Power Supply chassis for use with any ES42H or ES42P Series Edge Switch, or any PES42H or PES42P PoE Edge Switch. Requires simultaneous ordering of an ES42 (without external power supply) as a separate line item. Rated 44 to 57 Volts DC, Dual Source. Power input via recessed terminal block, UL Listed and surge protected.
PSAC-48V150 XTPS14-24VDC	External Hardened Power Supply for AC to 48VDC for PoE, 150 watts, for -20° to 60°C ambient temperature, panel or DIN-Rail mount. (Not Discountable). External 24-to-14VDC power supply for 1a@14v (for TB14s), with DC jack and 6 ft cord
CSN14P-Pd	Magnum Premium-rated Converter Switch, one 10Mb multi-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, premium rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Metal panel mounting brackets included.
CSN14P-Pi	Magnum Premium-rated Converter Switch, one 10Mb multi-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, premium rated for temperature un-controlled environments such as outdoors (-40°C to 75°C). Includes external AC Hardened power supply into 12VDC jack. Metal panel mounting brackets included.
CS14H-SC-Hd	Magnum Hardened Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14H-SC-Hi	Magnum Hardened Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14H-ST-Hd	Magnum Hardened Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14H-ST-Hi	Magnum Hardened Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CSN14P-24VDC	Magnum Premium-rated Converter Switch, one 10Mb multi-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, premium rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
ESD42P-24VDC	Dual-Homing Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-Pd	Dual-Homing Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.



ESD42P-Pi	Dual-Homing Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
DXSUP-1000IRW 10K4P-RJ45	Magnum DX Premium Support Program for DX1000 Industrial Router with WAN ports (DDS or T1/E1), including models DX1000-IR-21-x to -IR-24-x. Comprehensive software and technical support program incorporating help desk, software trouble shooting and software updates. Priority telephone and e-mail technical support (help desk and trouble shooting) Monday through Friday 8am to 8pm USA Eastern Standard Time (5am to 5pm PST), excluding customary holidays. Product notice program and FTP and email access to all software releases available during program period, including both maintenance and new feature software releases. Annual, renewable plan must be maintained contiguously from original product purchase. Program administered across all customer's Magnum DX products. Program may optionally be purchased for multiple years in advance.
10K4PX-RJ45	PoE TP module w/ four 10/100Mb auto-negotiating auto-cross RJ-45 ports. PoE chassis and L power supply is required with the module.
CS14H-MTRJ-12VDC	PoE PLUS (802.3at) module w/ four 10/100Mb auto-negotiating auto-cross RJ-45 ports. PoE chassis and L power supply is required with the module. Supports PoE (802.3af) or PoE plus (802.3at) Magnum Hardened Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
MNS-DX-SECURE	MNS-DX-SECURE software, key-enabled licensed software for use on one Magnum DX or 10-series Configurable Industrial Router. Includes all the features of MNS-DX. MNS-DX-SECURE adds extra security features such as login banner message, stateful firewall, RADIUS authentication for access into the Dx router, and syslog capabilities. For secure access to industrial facilities, VPN and certificate management software is included in MNS-DX-SECURE. VPN capabilities include Diffie-Hellman groups 1,2,5,14 crypto; DHE with PFS; DES; 3DES; Blowfish-CBC; AES-128; AES-192 and AES-256. Certificate-based X.509 management allows private certificates on MNS-DX-SECURE connected devices. Other security signatures and authentication mechanisms include HMAC-MD5-128, HMAC-SHA1-160, MD5, SHA1, SHA-224, SHA-256, SHA-384, SHA-512. Compliance to standards and RFCs enables interoperability with head-end VPN devices for secure IPSEC tunnels for a secure connection over a public network. For serial ports, MNS-DX-SECURE also includes serial port SSL connections. SSH port forwarding allows secure connections to other less secure networks via the secure DX Configurable Industrial Router with MNS-DX-SECURE.
MNS-DX-SECURE-LIC1 6KQE4-RJ45	MNS-DX-SECURE, key-enabled licensed software, for use on Magnum DX or 10-series Family of Configurable Industrial Routers. "LIC1" key is a license for use on ONE (1) DX Router base unit. Includes all the features of MNS-DX. MNS-DX-SECURE adds extra security features such as login banner message, stateful firewall, RADIUS authentication for access into the Dx router, and syslog capabilities. 6KQE configuration, add four 10/100 copper ports in 6KQE slot C
ES42H-48VDC	Magnum Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
CS14H-MTRJ-Hd	Magnum Hardened Ethernet Converter Switch with MTRJ-type 100Mb fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14H-MTRJ-Hi	Magnum Hardened Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14H-SC-24VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CS14H-ST-24VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CSN14PR-24VDC	Magnum Premium-rated Converter Switch, one 10Mb multi-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2
ES42-15C-d	Magnum Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-15C-i	Magnum Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-15T-d	Magnum Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-15T-i	Magnum Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42PR-24VDC	Dual-Homing Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL MC2 bracket included.
MC14-TR+P59X2	Rack-mount tray for "14-series" media cvtrs, Converter Switches, S14s, 2.25"H, up to 16 units mix-and-match 10Mb and 100Mb, with 2nd 9vdc PS and 2 groups of 8 connectors for 14-series MCs. Each power supply is auto-ranging 110-240vac, 50-60Hz, rated at 40 watts at 50gC.
CONFORM08-RMOD DXC-2GSFP	Full-rack-width switch conformal coating, heavy-duty silicone at 8 mil thickness for harsh corrosive environments. Coats interior PCBs, power supply, and modules of one Magnum full-rack-width modular 6K25, 6K25e, 6K32 or 10-series product.
DXC-4SERIAL	DX940 Gig module, two SFP pluggable open transceiver ports for user-selectable SFP Gig transceivers in each, configure in DX940 slot A only Four (4) Serial ports module in DX940 slot D. Each serial port is RS232 / RS485 / RS422, software selectable by the user at system initialization. MNS-DX licensed software includes support for Async to TCP/IP connectivity, Serial-IP terminal services, Serial Port VLANs and secure management of serial ports.
DXCW-ANT-POLE	Omni-directional, 3db external antenna. Suitable for mounting on a tower or on a pole. Requires a low impedance cable, such as the Belden 9913 Coax - RG-8/U Type cable, from the antenna to the DX cellular port connectors. Refer to GCI Antenna Tech Brief for additional components recommended (e.g. lightning arresters, etc.) No cable nor any antenna mounting gear is included with this antenna.
MNS-6K-SECURE-LIC1 6KQF-2MSC 6KQF-2MST 6KL-2GSFP	MNS-6K-SECURE, key-enabled licensed software for use on Magnum 6K and 10-series switches. "LIC1" key is a license for use on one 6K or 10-series switch base unit. Includes SNMPv1, v2, SNMPv3 for access authentication, RMON, CLI and scripts, IPv6, Port Security, Secure Web Management with GUI, Syslog, SSH, RADIUS, TACACS+, Port Mirroring; Port Settings Control; STP, RSTP, Link-loss-Learn(TM), Alarm Contact control, Telnet, TFTP, FTP, Spanning Tree Protocol, multi-level QoS, up to 256 tag-based VLANs, GVRP, IGMP Snooping, LACP, SNMPc GUI support; Event Log; SNTIP client for time-of-day; SMTP for email notices, BootP, DHCP client and server, DNS client, MOTD, Dual-homing, password security and ease-of-use features. Supplied and updated via Internet and GCI FTP Server. 6KQ module, two 100Mb 2km multi-mode SC fiber ports, factory slot C fiber-only 6KQ module, two 100Mb 2km multi-mode ST fiber ports, factory slot C fiber-only 6KL Gig module, two SFP pluggable open transceiver ports for user-selectable SFP Gig transceivers in each, configure in 6KL slot B only
CS14H-MLC-12VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode MLC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CS14HR-SC-24VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2
CS14HR-ST-24VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2
ES42-1MTRJ-d	Magnum Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-1MTRJ-i	Magnum Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42P-48VDC	Magnum Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
SFP100P-FXSM20 6KL4-1MLC3RJ 6KL4-1MT3RJ	100FX SFP-LC Premium-rated plug-in Single-mode fiber optic 20 km 100Mb Small Form-factor Pluggable (SFP) with LC connector, Premium rated for -40 to +85 degrees C 6KL module, add three 10/100 copper and one mm SFF 100Mb LC fiber ports in 6KL slot C 6KL module, add three 10/100 copper and one mm SFF 100Mb MTRJ fiber ports in 6KL slot C

CS14H-MLC-Hd	Magnum Hardened Ethernet Converter Switch with one 100Mb multi-mode MLC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
CS14H-MLC-Hi	Magnum Hardened Converter Switch, one 100Mb multi-mode MLC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
CS14H-MTRJ-24VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
10K4-FXSFP	SFP module w/ four 100Mb SFP open transceiver slots, for use with any GC high temp fiber or copper 100Mb SFPs. SFPs purchased separately. (Not for Gb SFPs).	
10TS4-RJ45	Four RJ45 Serial Ports module for 10ETS/10XTS. Each serial port is RS232 / RS485 / RS422, software selectable by the user at system initialization. MNS-DX licensed software includes support for Async to TCP/IP connectivity, Serial-IP terminal services, Serial Port VLANs and secure management of serial ports.	
PES42H-48VDC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with four 10/100 RJ-45 PoE ports and two regular RJ-45 10/100 ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. 48VDC terminal block for power input. The two regular RJ-45 ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.	Changed description
PES42H-48VDC-PB	Magnum 6-port hardened PoE Power-Sourcing Edge Switch with four 10/100 RJ-45 PoE ports and two regular RJ-45 10/100 ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. 48VDC terminal block for power input. The two regular RJ-45 ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.	
CSN14H-48VDC	Magnum Hardened Converter Switch, one 10Mb multi-mode fiber port and 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
ESD42H-48VDC	Dual-Homing Hardened Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
CS14HR-MTRJ-24VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2	
ES42-1MLC-d	Magnum Edge Switch with one multi-mode LC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
ES42-1MLC-i	Magnum Edge Switch with one multi-mode LC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
ESD42-1SC-d	Dual-Homing Edge Switch with one SC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
ESD42-1SC-i	Dual-Homing Edge Switch with one SC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
ESD42-1ST-d	Dual-Homing Edge Switch with one ST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
ESD42-1ST-i	Dual-Homing Edge Switch with one ST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
ESD42-1HT-r	RS-232 / FO Link/Repeater - MM 12Vdc POWER	
5843HRT R 6KQF-2MT	6KQ module, two 100Mb 2km multi-m. MTRJ fiber ports, factory slot C fiber-only	
CS14H-MLC-24VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode MLC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
PES42P-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with four 10/100 RJ-45 PoE ports and two regular RJ-45 10/100 ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. 48VDC terminal block for power input. The two regular RJ-45 ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional. Half-slot size one auto media port for copper RJ45 10/100/1000 Mb or SFP. Ports are auto media detect and may use either RJ45 or Gigabit SFP module. Includes 1588 timing capability.	
10-1RJSFP 6KP1-1GSFP	One-port one-slot Gigabit 6K module for Magnum 6K switches, uses 1 slot and provides 1 Gb SFP open transceiver port.	
CS14H-SC-48VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
CS14H-ST-48VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
CS14P-SC-12VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.	
CS14P-ST-12VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.	
CSN14P-48VDC	Magnum Premium-rated Converter Switch, one 10Mb multi-mode fiber port and 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, premium rated for temperature un-controlled environments such as outdoors. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.	
ES42H-1SC-12VDC	Magnum Hardened Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ES42H-1ST-12VDC	Magnum Hardened Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ESD42-1MTRJ-d	Dual-Homing Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
ESD42-1MTRJ-i	Dual-Homing Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
ESD42P-48VDC	Dual-Homing Premium-rated Edge Switch with no fiber ports and six 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 and two support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
10K2-MSC	Fiber module w/ two 100 Mb 2km FX SC connectors	
10K2-MST	Fiber module w/ two 100 Mb 2km FX ST connectors	
6KL4-2MLC2RJ	6KL module, add two 10/100 copper and two 2km mm SFF 100Mb LC fiber ports in 6KL slot C	
6KL4-2MTRJ	6KL module, add two 10/100 copper and two 2km mm SFF 100Mb MTRJ fiber ports in 6KL slot C	
6KQ-1GSFP	6KQ Gig module, one SFP pluggable open transceiver ports for user-selectable SFP Gig transceivers in each, configure in 6KQ slot D only	
CS14HR-MLC-24VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode MLC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2	
CS14P-SC-Pd	Magnum Premium-rated Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	

CS14P-SC-Pi	Magnum Premium-rated Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors (-40°C to 75°C). Includes external AC Premium-rated power supply into 12VDC jack. Metal panel mounting brackets included.
CS14P-ST-Pd	Magnum Premium-rated Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14P-ST-Pi	Magnum Premium-rated Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors (-40°C to 75°C). Includes external AC Premium-rated power supply into 12VDC jack. Metal panel mounting brackets included.
ES42H-15C-Hd	Magnum Hardened Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-15C-Hi	Magnum Hardened Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-15T-Hd	Magnum Hardened Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-15T-Hi	Magnum Hardened Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
IRIG-B-TMODULE	IRIG-B Timing module with two BNC connectors (signal-in and signal-out). The signal-out port can be used for cascading IRIG-B signals to other IRIG-B capable devices. The IRIG-B signals used and transmitted are TTL signals. The IRIG-B module enables IRIG-B timing information to be transmitted to the IRIG-B enabled serial modules for 10ETS/10XTS. The IRIG-B signals are propagated on RS232 or RS485 signals. A device connected to the 10ETS/10XTS serial ports in Slots C-J can receive the timing signals and synchronize their clocking from the IRIG-B signals. A low-loss Belden cable is recommended for IRIG-B connections.
PESD42H-48VDC 6KQE4-1MMRJ	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with four 10/100 RJ-45 PoE ports and two regular RJ-45 10/100 ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. 48VDC terminal block for power input. The two regula 6KQE configuration, add three 10/100 copper and one mm 100Mb MTRJ fiber ports in 6KQE slot C
ES42H-1MTRJ-12VDC SFP12XX-FXSM25 SFP12XX-LX25 5845HRT R	Magnum Hardened Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
6KL-24V	100FX Fiber Optic SFP transceiver for Magnum 12KX, LC socket, rated -40 to 85°C, single-mode, 25km distance. Gig Fiber Optic SFP transceiver for Magnum 12KX, LC socket, rated -40 to 85°C, 1000Mb LX, 1310nm wavelength, 20km distance RS-422/485 / FO Link/Repeater - MM 12Vdc POWER
CS14H-MTRJ-48VDC	Magnum 6KL Configurable Managed Edge Switch, base unit with four 10/100 copper ports. 24VDC power supply. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
CS14P-MTRJ-12VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 10/100 RJ45 ports in a compact package, industrial rated for factory floor environments. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
ES42-25C-d	Magnum Premium-rated Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
ES42-25C-i	Magnum Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-25T-d	Magnum Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-25T-i	Magnum Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42H-1MTRJ-Hd	Magnum Hardened Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-1MTRJ-Hi	Magnum Hardened Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-15C-24VDC	Magnum Hardened Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-15T-24VDC	Magnum Hardened Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42-1MLC-d	Dual-Homing Edge Switch with one MLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office
ESD42-1MLC-i	Dual-Homing Edge Switch with one MLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office
FKM-2MTRJ-4K24	Fiber module with two 100Mb multi-mode FX MT-RJ small form factor connectors (4K24)
FKM-25C	Fiber module with two 100Mb multi-mode FX SC connectors
FKM-25T	Fiber module with two 100Mb multi-mode FX ST connectors
6KPL4-RJ45	6KL module, add four PoE 10/100 copper ports in 6KL slot C (prerequisite is 6KLP-48VDC base unit with PoE)
6KQE4-1MLC	6KQE configuration, add three 10/100 copper and one mm 100Mb LC fiber ports in 6KQE slot C
6KQP-2MLC	6KQ module, two 100Mb 2km multi-m. MLC fiber ports, factory slot C fiber-only
CS14P-MTRJ-Pd	Magnum Premium-rated Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14P-MTRJ-Pi	Magnum Premium-rated Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors (-40°C to 75°C). Includes external AC Premium-rated power supply into 12VDC jack. Metal panel mounting brackets included.
CS14PR-ST-12VDC	
MC14-TR+PS9X2R	Rack-mount tray for "14-series" media cvtrs, Converter Switches, S14s, 2.25"H, up to 16 units mix-and-match 10Mb and 100Mb, redundancy cabling such that each power supply serves one of the two 9V inputs for Hardened 14-Series MCs. The power supply is auto-ranging 110-240vac, 50-60Hz, rated at 40 watts at 50°C. Max of 8 Media Converters or Converter Switches for this model.
PESD42P-48VDC	Dual-Homing Premium-rated PoE Power-Sourcing Edge Switch with four 10/100 RJ-45 PoE ports and two regular RJ-45 10/100 ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. 48VDC terminal block for power input. The two regular RJ-45 ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.

6KP1V-1GSFP	One-port one-slot Gigabit 6K module for 6K16V / 6K8 switches, uses 1 slot and provides 1 Gb SFP open transceiver port. Magnum Premium-rated Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CS14P-SC-24VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CS14P-ST-24VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CSG14H-SX-12VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX multi-mode port with SC-type connector, 850nm wavelength, 550 meters nominal distance, 2km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 12VDC (range 8V to 15V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
ES42H-1MLC-12VDC	Magnum Hardened Edge Switch with one multi-mode LC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant
ES42H-1MTRJ-24VDC	Magnum Hardened Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42HR-1SC-24VDC	Magnum Hardened Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL MC2 bracket included.
ES42HR-1ST-24VDC	Magnum Hardened Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL MC2 bracket included.
ESD42H-1SC-12VDC	Dual-Homing Hardened Edge Switch with one SC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-1ST-12VDC	Dual-Homing Hardened Edge Switch with one ST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
SFP100H-FXSM40	100FX SFP-LC Premium SM-40 fiber optic plug-in, Single mode fiber 40 km, 100Mb Small Form-factor Pluggable (SFP) with LC connector, Premium rated for -40 to +85 degrees C
SFP100P-FXSM40	100FX Fiber Optic SFP transceiver, single-mode, 40Km. Premium-rated for harsh environments.
S941D1HRT R	4 CHANNEL RS232 MM FO LINK 12Vdc POWER
10K4T-RJ45	TP module w/ four 10/100Mb auto-negotiating auto-cross RJ-45 ports. Each port supports IEEE 1588
10T54-RJ45-IRIGB	Four RJ45 Serial Ports module for 10ETS/10XTS. Each serial port is RS232 / RS485 / RS422, software selectable by the user at system initialization. MNS-DX licensed software includes support for Async to TCP/IP connectivity, Serial-IP terminal services, Serial Port VLANs and secure management of serial ports with IRIG-B signals for time synchronization.
HSPM-H	AC / DC Removable Power Supply Module (90-250V) with Terminal Block power input
HSPM-L	24/48 DC Removable Power Supply Module (22-60V) with Terminal Block power input
CS14H-MLC-48VDC	Magnum Hardened Converter Switch, one 100Mb multi-mode MLC fiber port and two 10/100 RJ45 ports in a compact package, industrial rated for factory floor environments. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CS14P-MLC-12VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode MLC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CSG14H-SX-Hd	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX multi-mode port with SC-type connector, 850nm wavelength, 550 meters nominal distance, 2km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened 115 VAC power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel-mounting brackets included. DIN-Rail hardware optional.
CSG14H-SX-Hi	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX multi-mode port with SC-type connector, 850nm wavelength, 550 meters nominal distance, 2km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened 230 VAC power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel-mounting brackets included. DIN-Rail hardware optional.
ES42H-1MLC-Hd	Magnum Hardened Edge Switch with one multi-mode LC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant
ES42H-1MLC-Hi	Magnum Hardened Edge Switch with one multi-mode LC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant
ESD42H-1SC-Hd	Dual-Homing Hardened Edge Switch with one SC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-1SC-Hi	Dual-Homing Hardened Edge Switch with one SC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-1ST-Hd	Dual-Homing Hardened Edge Switch with one ST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-1ST-Hi	Dual-Homing Hardened Edge Switch with one ST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-2ST-Pd-CR05	Magnum Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
3340HRT R	10Base-T/-FL Link 850nm MM 12Vdc POWER
6KQ3-RJMSC	6KQ module, two 10/100 copper ports and one 100Mb 2km multi-m. SC fiber ports, slots B and/or D
6KQE-1GSFP	6KQE Gig module, one SFP pluggable open transceiver ports for user-selectable SFP Gig transceivers in each, configure in 6KQE slot D.
CS14P-MLC-Pd	Magnum Premium-rated Converter Switch, one 100Mb multi-mode MLC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14P-MLC-Pi	Magnum Premium-rated Converter Switch, one 100Mb multi-mode MLC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled
CS14PR-SC-24VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2
CS14PR-ST-24VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2
CSG14H-SFP-12VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 12VDC (range 8V to 15V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
ES42-2MTRJ-d	Magnum Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.

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ES42-2MTRJ-i	Magnum Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42HR-1MTRJ-24VDC	Magnum Hardened Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL MC2 bracket included.
ESD42H-1MTRJ-12VDC	Dual-Homing Hardened Edge Switch with one SMTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
CS14P-MTRJ-24VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CSG14H-SFP-Hd	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened 115 VAC power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel-mounting brackets included. DIN-Rail hardware optional.
CSG14H-SFP-Hi	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened 230 VAC power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel-mounting brackets included. DIN-Rail hardware optional.
CSG14H-SX-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX multi-mode port with SC-type connector, 850nm wavelength, 550 meters nominal distance, 2km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 24VDC (range 18V to 36V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
ES42H-1MLC-24VDC	Magnum Hardened Edge Switch with one multi-mode LC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant
ESD42-2SC-d	Dual-Homing Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-2SC-i	Dual-Homing Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-2ST-d	Dual-Homing Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-2ST-i	Dual-Homing Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42H-1MTRJ-Hd	Dual-Homing Hardened Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-1MTRJ-Hi	Dual-Homing Hardened Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-1SC-24VDC	Dual-Homing Hardened Edge Switch with one SC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-1ST-24VDC	Dual-Homing Hardened Edge Switch with one ST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
MNS-DX-ADVAVR	MNS-DX-ADVAVR Advanced Routing software, key-enabled licensed software for use on one Magnum DX or 10-series Configurable Industrial Router. Includes all MNS-DX features plus advanced "enterprise" routing protocols such as BGP and OSPF. OSPF includes capability of Border Router, importing BGP Routes, importing Static routes, and setting other OSPF parameters for seamless operations in an OSPF network. BGP capabilities include setting input and output filters, MD5 password and managing BGP profiles.
MNS-DX-ADVAVR-LIC1	MNS-DX-ADVAVR, Advanced Routing key-enabled licensed software, for use on Magnum DX or 10-series Family of Configurable Industrial Routers. "LIC1" key is a license for use on ONE (1) DX Router base unit. Includes all MNS-DX features plus advanced "enterprise" routing protocols such as BGP and OSPF. OSPF includes capability of Border Router, importing BGP Routes, importing Static routes, and setting other OSPF parameters for seamless operations in an OSPF network. BGP capabilities include setting input and output filters, MD5 password and managing BGP profiles.
6KL1-1SLC	6KL module, add one SFF 100Mb single-mode 20Km LC fiber port in 6KL slot C
HSPM-HF	AC / DC Removable Power Supply Module (90-250V) with Terminal Block power input - with internal cooling fan
HSPM-LF	24/48 DC Removable Power Supply Module (22-60V) with Terminal Block power input - with internal cooling fan
PKQ4-RJ45	PoE 6KQ module, four 10/100 copper ports with PoE on data pairs, may be used in 6KQ slot B only
CS14PR-MTRJ-24VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2
CS14P-SC-48VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CS14P-ST-48VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CSG14HR-SX-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX multi-mode port with SC-type connector, 850nm wavelength, 550 meters nominal distance, 2km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 24VDC (range 18V to 36V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Includes the Model DIN-RAIL MC2 bracket which is optional on other models.
CSG14H-SFP-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 24VDC (range 18V to 36V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
CSG14UH-12VDC	Hardened Universal Gb Ethernet Converter Switch with two open SFP transceiver ports and one triple-speed 10/100/1000 RJ-45 switch port with auto-cross and auto-negotiation. Each open SFP port may be populated with either a Gb or a 100Mb SFP transceiver. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 12VDC (range 8V to 15V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
ES42H-1SC-48VDC	Magnum Hardened Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-1ST-48VDC	Magnum Hardened Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2SC-12VDC	Magnum Hardened Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2ST-12VDC	Magnum Hardened Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.

ES42HR-1MLC-24VDC	Magnum Hardened Edge Switch with one multi-mode LC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL MC2 bracket included.
ES42P-1SC-12VDC	Magnum Premium-rated Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1ST-12VDC	Magnum Premium-rated Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42H-1MLC-12VDC	Dual-Homing Hardened Edge Switch with one multi-mode LC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package.
ESD42H-1MTRJ-24VDC	Dual-Homing Hardened Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42HR-1SC-24VDC	Dual-Homing Hardened Edge Switch with one SC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL MC2 bracket included.
ESD42HR-1ST-24VDC	Dual-Homing Hardened Edge Switch with one ST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL MC2 bracket included.
SFP-LX25	Gig Fiber Optic SFP transceiver, 1000Mb LX, 1310nm wavelength, 25km distance
10K2-F10ST	Fiber module w/ two 10 Mb 2km 10BASE-FL ST connectors
ACA21-USB-12XX	Magnum 12XX USB auto-configuration adapter for local configuration management
S-RING-KEY	S-Ring(TM) Redundancy Manager licensed software for redundant ring management in Industrial Ethernet LANs. Extends standard Spanning Tree Protocol (STP) and/or RSTP-2004 to enable fast ring fault recovery and large ring configurations of managed and unmanaged switches. One key is for S-Ring licensed use on one 6K "Ring Manager" Switch which supports a connected ring or rings of any number of LLL switches or plain hubs.
6KM4-2MLC2RJ	6KM module, add two M12 10/100 copper and two 2km mm SFF 100Mb LC fiber ports in 6KM slot C
CS14P-MLC-24VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode MLC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled
CSG14UH-Hd	Hardened Universal Gb Ethernet Converter Switch with two open SFP transceiver ports and one triple-speed 10/100/1000 RJ-45 switch port with auto-cross and auto-negotiation. Each open SFP port may be populated with either a Gb or a 100Mb SFP transceiver. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened 115 VAC power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel-mounting brackets included. DIN-Rail hardware optional.
CSG14UH-Hi	Hardened Universal Gb Ethernet Converter Switch with two open SFP transceiver ports and one triple-speed 10/100/1000 RJ-45 switch port with auto-cross and auto-negotiation. Each open SFP port may be populated with either a Gb or a 100Mb SFP transceiver. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened 230 VAC power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel-mounting brackets included. DIN-Rail hardware optional.
ES42H-2SC-Hd	Magnum Hardened Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-2SC-Hi	Magnum Hardened Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-2ST-Hd	Magnum Hardened Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-2ST-Hi	Magnum Hardened Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-1SC-Pd	Magnum Premium-rated Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-1SC-Pi	Magnum Premium-rated Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-1ST-Pd	Magnum Premium-rated Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-1ST-Pi	Magnum Premium-rated Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-1MLC-Hd	Dual-Homing Hardened Edge Switch with one multi-mode LC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package.
ESD42H-1MLC-Hi	Dual-Homing Hardened Edge Switch with one multi-mode LC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package.
ESD42H-1MTRJ-C	Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package.
6KP1-1GCU	One-port one-slot Gigabit 6K module for Magnum 6K switches, uses 1 slot and provides 1 copper (1000BASE-T) auto-negotiating Gb port.
6KP8-RJ45	TP module for Magnum 6K switches, with eight 10/100Mb auto-negotiating RJ45 ports
6KQE4-2MMRJ	6KQE configuration, add two 10/100 copper and two mm 100Mb MTRJ fiber ports in 6KQE slot C
CSG14HR-SFP-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 24VDC (range 18V to 36V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Includes the Model DIN-RAIL MC2 bracket which is optional on other models.
ES42-2MLC-d	Magnum Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-2MLC-i	Magnum Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any
ES42H-1MTRJ-48VDC	Magnum Hardened Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.

ES42P-1MTRJ-12VDC	Magnum Premium-rated Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42-2MTRJ-d	Dual-Homing Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-2MTRJ-i	Dual-Homing Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42HR-1MTRJ-24VDC	Dual-Homing Hardened Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL MC2 bracket included.
6KE-1GSFP	Same as 6KP1-1GSFP module, but narrower to fit in 6K25e Slot D. One-port one-slot Gigabit 6K module for 6K25e switches, uses 1 slot and provides 1 Gb SFP open transceiver port.
6KL-12V	Magnum 6KL Configurable Managed Edge Switch, base unit with four 10/100 copper ports. 12VDC power supply. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
6KL4-1SLC3RJ	6KL module, add three 10/100 copper and one SFF 100Mb sgl-m 20Km LC fiber ports in 6KL slot C
6KL4-2MSC2RJ	6KL module, add two 10/100 copper and two 2km mm 100Mb SC fiber ports in 6KL slot C
6KL4-2MST2RJ	6KL module, add two 10/100 copper and two 2km mm 100Mb ST fiber ports in 6KL slot C
6KL4-4MT	6KL module, add four 2km mm SFF 100Mb MTRJ fiber ports in 6KL slot C
6KL-AC	Magnum 6KL Configurable Managed Edge Switch, base unit with four 10/100 copper ports. AC power supply. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
6KM-2GMLC	Gig Fiber Module for 6KM with two Gb LC mm 2km fiber ports in 6KM slot B only
6KM-2GMLC850-SM	Gig Fiber Module for 6KM with two Gb LC mm 850nm 550m fiber ports in 6KM slot B only
CSN14S-d	Magnum Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Met
CSN14S-i	Magnum Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments (0??
CSNS14-d	Magnum Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 ports in a compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
CSNS14-i	Magnum Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 ports in a compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external International AC power supply included.
FFM-SSC	Fiber Port Module for 4K8s, with 20km 100Mb single-mode FX SC connector
CS14P-MTRJ-48VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode MTRJ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CS14PR-MLC-24VDC	Magnum Premium-rated Converter Switch, one 100Mb multi-mode MLC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2
CSG14UH-24VDC	Hardened Universal Gb Ethernet Converter Switch with two open SFP transceiver ports and one triple-speed 10/100/1000 RJ-45 switch port with auto-cross and auto-negotiation. Each open SFP port may be populated with either a Gb or a 100Mb SFP transceiver. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 24VDC (range 18V to 36V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
ES42H-25C-24VDC	Magnum Hardened Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-25T-24VDC	Magnum Hardened Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1MTRJ-Pd	Magnum Premium-rated Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-1MTRJ-Pi	Magnum Premium-rated Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-1MLC-24VDC	Dual-Homing Hardened Edge Switch with one multi-mode LC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact p
5844HRT-H R	RS-232 / FO Link/Repeater - MM 90-250vac/Vdc POWER
5844HRT-L R	RS-232 / FO Link/Repeater - MM 24-48 Vdc POWER
6KQ-1GCU	6KQ Gig module, one auto-negotiating 10/100/1000 Mb copper ports, configure in 6KQ slot D only
6KQ2-10ST	6KQ module, two 10 Mb FL 2km multi-mode ST fiber ports, slots B and/or D
6KQ2-MSC	6KQ module, two 100Mb 2km multi-mode SC fiber ports, slots B and/or D
6KQ2-MST	6KQ module, two 100Mb 2km multi-mode ST fiber ports, slots B and/or D
6KQE-2MLC	6KQE configuration, add two 10/100 copper and two mm 100Mb LC fiber ports in 6KQE slot C
ES42H-2MTRJ-12VDC	Magnum Hardened Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
PE542H-15C-48VDC	Magnum 6-part Hardened PoE Power-Sourcing Edge Switch with one "SC"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The fiber port and regular RJ-45 port support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.
PE542H-15T-48VDC	Magnum 6-part Hardened PoE Power-Sourcing Edge Switch with one "ST"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The fiber port and regular RJ-45 port support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.
10K2-2G5FP	2-port Gigabit Port Module with two open SFP ports.
CS14-SSC-d	Magnum Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
CS14-SSC-i	Magnum Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments (0°C to 40°C). Metal panel mounting brackets and external AC power supply included.
CSG14H-SX-48VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX multi-mode port with SC-type connector, 850nm wavelength, 550 meters nominal distance, 2km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for -48VDC (range 30V to 60V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
CSG14P-SX-12VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX multi-mode port with SC-type connector, 850nm wavelength, 550 meters nominal distance, 2km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 12V (range 8 to 15V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. DIN-Rail hardware optional





ESD42P-1ST-Pi	Dual-Homing Premium-rated Edge Switch with one ST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
PES42H-1MTRJ-48VDC 3342HRT R 6KQF-1SSC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with one "MTRJ"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC term	EOL
4K8	10Base-T/FL Link 1300nm MM 12Vdc POWER 6KQ module, one 100Mb 20km single-mode SC fiber ports, factory slot C fiber-only Ethernet Switch with 8 RJ45 ports, each auto-sensing for 10/ 100Mb FDx/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal auto-ranging power supply, cooling fan, and metal brackets for rack-mounting. LEDs and user ports are in the front, power input is in the rear.	
CSG14H-SFP-48VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for -48VDC (range 30V to 60V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.	
CSG14P-SFP-12VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, rated	
CSN14SH-12VDC	Magnum Hardened Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
ES42H-2MTRJ-24VDC	Magnum Hardened Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ES42P-1MTRJ-24VDC	Magnum Premium-rated Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ES42PR-1SC-24VDC	Magnum Premium-rated Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.	
ES42PR-1ST-24VDC	Magnum Premium-rated Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.	
ESD42-2MLC-d	Dual-Homing Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet env	
ESD42-2MLC-i	Dual-Homing Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet env	
ESD42H-1MTRJ-48VDC	Dual-Homing Hardened Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
ESD42P-1MTRJ-12VDC	Dual-Homing Premium-rated Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
5846HRT-L R 5846HRT-L R 6KP1V-1GCU 6KP8V-RJ45	RS-422/485 / FO Link/Repeater - MM 90-250Vac/Vdc POWER RS-422/485 / FO Link/Repeater - MM 24-48 Vdc POWER One-port one-slot Gigabit 6K module for 6K16V / 6K8 switches, uses 1 slot and provides 1 copper (1000BASE-T) auto-negotiating Gb port. TP module for 6K16V/6K8 switches, with eight 10/100Mb auto-negotiating and auto-cross RJ45 ports	
CSN14SH-Hd	Magnum Hardened Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack, metal panel mounting brackets.	
CSN14SH-Hi FKM-1SSC-4K16 FKM-1SSC-4K24	Magnum Hardened Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for factory floor environments. Includ Fiber module with one 100 Mb 20km single-mode FX SC connector Fiber module with one 100 Mb 20km single-mode FX SC connector	
CSG14P-SFP-Pd	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC 115 VAC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included. DIN-Rail hardware optional	
CSG14P-SFP-Pi	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC 230 VAC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included. DIN-Rail hardware optional	
CSN14SH-24VDC	Magnum Hardened Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
ESD42H-2SC-24VDC	Dual-Homing Hardened Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
ESD42H-2ST-24VDC	Dual-Homing Hardened Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
ESD42P-1MTRJ-Pd	Dual-Homing Premium-rated Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ESD42P-1MTRJ-Pi 6KL1-1SLCL	Dual-Homing Premium-rated Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ES42H-2MLC-12VDC	Magnum Hardened Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs	
ES42HR-2MTRJ-24VDC	Magnum Hardened Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.	
ES42PR-1MTRJ-24VDC	Magnum Premium-rated Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.	
ESD42H-2MTRJ-12VDC	Dual-Homing Hardened Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
PES42H-1MLC-48VDC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with one "MLC"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC term	
PESD42H-1SC-48VDC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with one SC-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The fiber port and regular RJ-45 port support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.	

PESD42H-1ST-48VDC 10K2-SSC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with oneST-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal b Fiber module w/ two 100Mb 20km single-mode FX SC ports Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC 230 VAC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input.
CS14 CSG14PR-SFP-Pi 5942D1HRT-H R 5942D1HRT-L R 6KL-2GCU 6KQ-2GSFP	Metal panel mounting brackets included. Includes the Model DIN-RAIL MC2 bracket 4 CHANNEL RS232 MM FO LINK 90-250VAc/Vdc POWER 4 CHANNEL RS232 MM FO LINK 24-48 Vdc POWER 6KL Gig module, two auto-negotiating 10/100/1000 Mb copper ports, configure in 6KL slot B only 6KQ Gig module, two SFP pluggable open transceiver ports for user-selectable SFP Gig transceivers in each, configure in 6KQ slot D only
CS14H-SSC-12VDC	Magnum Hardened Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CSG14P-SX-24VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX multi-mode port with SC-type connector, 850nm wavelength, 550 meters nominal distance, 2km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 24VDC (range 18V to 36V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. DIN-Rail hardware optional
CSG14UH-48VDC	Hardened Universal Gb Ethernet Converter Switch with two open SFP transceiver ports and one triple-speed 10/100/1000 RJ-45 switch port with auto-cross and auto-negotiation. Each open SFP port may be populated with either a Gb or a 100Mb SFP transceiver. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for -48VDC (range 30V to 60V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
CSG14UP-12VDC	Premium-rated Universal Gb Ethernet Converter Switch with two open SFP transceiver ports and one triple-speed 10/100/1000 RJ-45 switch port with auto-cross and auto-negotiation. Each open SFP port may be populated with either a Gb or a 100Mb SFP transceiver. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 12V (range 8 to 15V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. DIN-Rail hardware optional
CSN14SHR-24VDC	Magnum Hardened Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2
CSN14SP-12VDC	Magnum Premium-rated Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, premium rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
ES42H-2MLC-Hd	Magnum Hardened Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-2MLC-Hi	Magnum Hardened Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant
ES42H-2SC-48VDC	Magnum Hardened Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2ST-48VDC	Magnum Hardened Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1MLC-24VDC	Magnum Premium-rated Edge Switch with one multi-mode LC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1SC-48VDC	Magnum Premium-rated Edge Switch with one SC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1ST-48VDC	Magnum Premium-rated Edge Switch with one ST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-2SC-12VDC	Magnum Premium-rated Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-2ST-12VDC	Magnum Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42H-1MLC-48VDC	Dual-Homing Hardened Edge Switch with one multi-mode LC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact p
ESD42H-2MTRJ-Hd	Dual-Homing Hardened Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-2MTRJ-Hi	Dual-Homing Hardened Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42HR-2SC-24VDC	Dual-Homing Hardened Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42HR-2ST-24VDC	Dual-Homing Hardened Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42P-1MLC-12VDC	Dual-Homing Premium-rated Edge Switch with one multi-mode LC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact
ESD42P-1SC-24VDC	Dual-Homing Premium-rated Edge Switch with one SC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-1ST-24VDC 6KQE-1GCU	Dual-Homing Premium-rated Edge Switch with one ST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included. 6KQE Gig module, one auto-negotiating 10/100/1000 Mb copper ports, configure in 6KQE slot D only
CSN14SP-Pd	Magnum Premium-rated Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, premium rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Metal panel mounting brackets included.
CSN14SP-Pi	Magnum Premium-rated Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, premium rated for temperature un-con

CS14H-SSC-Hd	Magnum Hardened Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
CS14H-SSC-Hi	Magnum Hardened Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
CSG14UP-Pd	Premium-rated Universal Gb Ethernet Converter Switch with two open SFP transceiver ports and one triple-speed 10/100/1000 RJ-45 switch port with auto-cross and auto-negotiation. Each open SFP port may be populated with either a Gb or a 100Mb SFP transceiver. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC 115 VAC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included. DIN-Rail hardware optional	
CSG14UP-Pi	Premium-rated Universal Gb Ethernet Converter Switch with two open SFP transceiver ports and one triple-speed 10/100/1000 RJ-45 switch port with auto-cross and auto-negotiation. Each open SFP port may be populated with either a Gb or a 100Mb SFP transceiver. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC 230 VAC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included. DIN-Rail hardware optional	
CSN14SP-24VDC	Magnum Premium-rated Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, premium rated for temperature un-contr	
ES42P-2SC-Pd	Magnum Premium-rated Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ES42P-2SC-Pi	Magnum Premium-rated Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ES42P-2ST-Pd	Magnum Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ES42P-2ST-Pi	Magnum Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ESD42P-1MLC-Pd	Dual-Homing Premium-rated Edge Switch with one multi-mode LC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Comp	
ESD42P-1MLC-Pi	Dual-Homing Premium-rated Edge Switch with one multi-mode LC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Comp	
PESD42H-1MTRJ-48VDC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with one MTRJ-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC termina	
6KL4-1ML1SLC2RJ	6KL module, add two 10/100 copper, one sgl.m and one mm SFF 100Mb LC fiber ports in 6KL slot C	
6KL4-4FLST	6KL module, add four 2Kmm mm 10BASE-FL ST fiber ports in 6KL slot C	
6KL4-4MLC	6KL module, add four 2Kmm mm SFF 100Mb LC fiber ports in 6KL slot C	
6KL4-4MSC	6KL module, add four 2Kmm mm 100Mb SC fiber ports in 6KL slot C	
6KL4-4MST	6KL module, add four 2Kmm mm 100Mb ST fiber ports in 6KL slot C	
6KL-48V	Magnum 6KL Configurable Managed Edge Switch, base unit with four 10/100 copper ports. 48VDC power supply. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
6KQE4-3MMRJ	6KQE configuration, add one 10/100 copper and three mm 100Mb MTRJ fiber ports in 6KQE slot C	
CSG14PR-SX-24VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX multi-mode port with SC-type connector, 850nm wavelength, 550 meters nominal distance, 2km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 24VDC (range 18V to 36V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. Includes the Model DIN-RAIL MC2 bracket which is optional on other models.	
CSG14P-SFP-24VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 24VDC (range 18V to 36V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. DIN-Rail hardware optional	
ES42H-2MLC-24VDC	Magnum Hardened Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundan	
ES42P-1MTRJ-48VDC	Magnum Premium-rated Edge Switch with one MTRJ-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ES42PR-1MLC-24VDC	Magnum Premium-rated Edge Switch with one multi-mode LC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redu	
ESD42H-2MTRJ-24VDC	Dual-Homing Hardened Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
ESD42P-1MTRJ-24VDC	Dual-Homing Premium-rated Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
ESD42PR-1SC-24VDC	Dual-Homing Premium-rated Edge Switch with one SC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.	
ESD42PR-1ST-24VDC	Dual-Homing Premium-rated Edge Switch with one ST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.	
6KQ-2GSFPCU	6KQ 2-port Gig module, one SFP pluggable open transceiver port for user-selectable SFP Gig transceiver and one 10/100/1000 Mb copper port, configure in 6KQ slot D only	
3350HRT-H R	10Base-T/-FL Link 850nm MM 90-250vac/Vdc POWER	EOL
3350HRT-L R	10Base-T/-FL Link 850nm MM 24-48 Vdc POWER	EOL
6KPS-G4RJ	Module for Magnum 6K switches with one Gb port and Four 10/100 Mb RJ45 ports.	
6KQE4-3MLC	6KQE configuration, add one 10/100 copper and three mm 100Mb LC fiber ports in 6KQE slot C	
CS14H-SSC-24VDC	Magnum Hardened Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
CSG14UP-24VDC	Premium-rated Universal Gb Ethernet Converter Switch with two open SFP transceiver ports and one triple-speed 10/100/1000 RJ-45 switch port with auto-cross and auto-negotiation. Each open SFP port may be populated with either a Gb or a 100Mb SFP transceiver. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 24VDC (range 18V to 36V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. DIN-Rail hardware optional	
CSN14SPR-24VDC	Magnum Premium-rated Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, premium rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2	
6K6P8-4SRJ	4+4 module for 6ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and four regular 10/100Mb RJ-45 ports	
10K2T-MSC	Fiber module w/ two 100 Mb 2km FX SC connectors. Each port supports IEEE 1588	
10K2T-MST	Fiber module w/ two 100 Mb 2km FX ST connectors. Each port supports IEEE 1588	
10K4-MTRJ	Fiber module w/ four 100Mb 2km multimode FX MTRJ ports	

6KE-1GCU	Same as 6KP1-1GCU module, but narrower to fit in 6K25e Slot D. One-port one-slot Gigabit 6K module for 6K25e switches, uses 1 slot and provides 1 copper (1000BASE-T) auto-negotiating Gb port.	
CSG14PR-SFP-24VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 24VDC (range 18V to 36V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. Includes the Model DIN-RAIL MC2 bracket which is optional on other models.	
ES42H-2MTRJ-48VDC	Magnum Hardened Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ES42HR-2MLC-24VDC	Magnum Hardened Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.	
ES42P-2MTRJ-12VDC	Magnum Premium-rated Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ESD42H-2MLC-12VDC	Dual-Homing Hardened Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact p	
ESD42HR-2MTRJ-24VDC	Dual-Homing Hardened Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.	
ESD42PR-1MTRJ-24VDC	Dual-Homing Premium-rated Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.	
PES42H-25C-48VDC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with two SC-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.	
PES42H-25T-48VDC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with two ST-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.	
PES42P-15C-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with one SC-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The fiber port and regular RJ-45 port support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.	
PES42P-15T-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with one ST-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The fiber port and regular RJ-45 port support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.	
PESD42H-1MLC-48VDC 3440HRT R 6KL4-1SLCL3RJ 6KL4-2FX2FLMST	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with one MLC-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal 100Base-TX/-FX Link 850nm MM 12Vdc POWER 6KL module, add three 10/100 copper and one SFP 100Mb sgl-m 40Km LC fiber ports in 6KL slot C 6KL module, add two 2km mm 10Mb 10BASE-FL and two 100Mb FX ST fiber ports in 6KL slot C	EOL
CS14HR-SSC-24VDC	Magnum Hardened Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2	
CS14-S5T-d	Magnum Converter Switch, one 100Mb single-mode ST fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments (0°C to 40°C). Metal panel mounting brackets and external AC power supply included.	
CS14-S5T-i	Magnum Converter Switch, one 100Mb single-mode ST fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments (0°C to 40°C). Metal panel mounting brackets and external AC power supply included.	
CSG14H-LX10-12VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX10 single-mode port with LC-type connector, 1310nm wavelength, 10km nominal distance, 22km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 12VDC (range 8V to 15V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.	
CSG14P-SX-48VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX multi-mode port with SC-type connector, 850nm wavelength, 550 meters nominal dis	
CSG14UPR-24VDC	Premium-rated Universal Gb Ethernet Converter Switch with two open SFP transceiver ports and one triple-speed 10/100/1000 RJ-45 switch port with auto-cross and auto-negotiation. Each open SFP port may be populated with either a Gb or a 100Mb SFP transceiver. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 24VDC (range 18V to 36V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. Includes the Model DIN-RAIL MC2 bracket which is optional on other models.	
ES42-1SSC-d	Magnum Edge Switch with one SSC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
ES42-1SSC-i	Magnum Edge Switch with one SSC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.	
ES42P-1MLC-48VDC	Magnum Premium-rated Edge Switch with one multi-mode LC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redu	
ES42P-2MTRJ-Pd	Magnum Premium-rated Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ES42P-2MTRJ-Pi	Magnum Premium-rated Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ES42P-25C-24VDC	Magnum Premium-rated Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ES42P-25T-24VDC	Magnum Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ESD42H-2MLC-Hd	Dual-Homing Hardened Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact p	
ESD42H-2MLC-Hi	Dual-Homing Hardened Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact p	
ESD42H-25C-48VDC	Dual-Homing Hardened Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	

ESD42H-2ST-48VDC	Dual-Homing Hardened Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-15C-48VDC	Dual-Homing Premium-rated Edge Switch with one SC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package
ESD42P-15T-48VDC	Dual-Homing Premium-rated Edge Switch with one ST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package
ESD42P-25C-12VDC	Dual-Homing Premium-rated Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-25T-12VDC	Dual-Homing Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
P6KP8V-45RJ 6KL4-25S72RJ 6KQ-2GCU 6KQ4-RJMT	4+4 module for 6Ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and four regular 10/100Mb RJ-45 ports 6KL module, add two 10/100 copper and two 20K m sgl m 100Mb SC fiber 6KQ Gig module, two auto-negotiating 10/100/1000 Mb copper ports, configure in 6KQ slot D only 6KQ module, two 10/100 copper ports and two 100Mb 2km multi-m. MTRJ fiber ports, slots B and/or D
CSG14H-ESX-12VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX Extended Distance multi-mode port with SC-type connector, 1310nm wavelength, 2km nominal distance, 3km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 12VDC (range 8V to 15V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
CSG14H-LX10-Hd	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX10 single-mode port with LC-type connector, 1310nm wavelength, 10km nominal distance, 22km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened 115 VAC power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel-mounting brackets included. DIN-Rail hardware optional.
CSG14H-LX10-Hi	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX Extended Distance multi-mode port with SC-type connector, 1310nm wavelength, 10km nominal distance, 22km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened 230 VAC power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel-mounting brackets included. DIN-Rail hardware optional.
ESD42P-25C-Pd	Dual-Homing Premium-rated Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42P-25C-Pi	Dual-Homing Premium-rated Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42P-25T-Pd	Dual-Homing Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42P-25T-Pi	Dual-Homing Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
PE542P-1MTRJ-48VDC 6KL4-15L3MLC 6KM-2GM12	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with one MTRJ-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring. 48VDC terminal block for power input. The fiber port and regular RJ-45 port support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional. 6KL module, add one SFF 100Mb sgl-m 20Km LC and three mm SFF 100Mb LC fiber ports in 6KL slot C 6KM Gig module, two 8-pin A-coded M12 auto-neg. 10/100/1000 Mb copper ports in 6KM slot B only
CSG14H-ESX-Hd	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX Extended Distance multi-mode port with SC-type connector, 1310nm wavelength, 2km nominal distance, 3km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened 115 VAC power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel-mounting brackets included. DIN-Rail hardware optional.
CSG14H-ESX-Hi	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX Extended Distance multi-mode port with SC-type connector, 1310nm wavelength, 2km nominal distance, 3km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened 230 VAC power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel-mounting brackets included. DIN-Rail hardware optional.
CSG14P-SFP-48VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes an SFP open slot. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes -48VDC (range 30V to 60V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. DIN-Rail hardware optional
CSN145H-48VDC	Magnum Hardened Converter Switch, one 10Mb single-mode fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for factory floor environments. Inter
ES42PR-25C-24VDC	Magnum Premium-rated Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.
ES42PR-25T-24VDC	Magnum Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.
ESD42H-2MLC-24VDC	Dual-Homing Hardened Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact p
ESD42P-1MTRJ-48VDC	Dual-Homing Premium-rated Edge Switch with one MTRJ-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact packa
ESD42PR-1MLC-24VDC	Dual-Homing Premium-rated Edge Switch with one multi-mode LC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in
4K8R	Reverse Ethernet Switch with eight RJ45 ports, each auto-sensing for 10/ 100Mb FDX/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal auto-ranging power supply, cooling fan, and metal brackets for rack-mounting. LEDs are in the front, power input and the Ethernet ports are in the rear.
6KQE-24V 6KQE-2GSFP	Magnum 6KQE Managed Edge Switch, base unit with four 10/100 copper ports. 24VDC power supply. Up to 3 100Mb fiber ports or up to four more 10/100 copper ports (or combinations) may also be configured, and up to 2 Gb ports are optional. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Dual LEDs for all-around status viewing. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring, etc.), see their respective data sheets. 6KQE Gig module, two SFP pluggable open transceiver ports for user-selectable SFP Gig transceivers in each, configure in 6KQE slot D only
CSG14H-LX10-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX10 single-mode port with LC-type connector, 1310nm wavelength, 10km nominal distance, 22km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 24VDC (range 18V to 36V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
PE542H-2MTRJ-48VDC 10K2-55CL 10K2-55T 6KQF-15SCL 6KQF-4MT 6KP2C-2GSFP	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with two MTRJ-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. 48VDC terminal block for power input. The Fiber module w/ two 100Mb 40km single-mode FX SC ports Fiber module w/ two 100 Mb 2km single-mode FX ST connectors. 6KQ module, one 100Mb 40km single-mode SC fiber ports, factory slot C fiber-only 6KQ module, four 100Mb 2km multi-m. MTRJ fiber ports, factory slot C fiber-only Two-port one-slot Gigabit 6K module for Magnum 6K switches, uses 1 slot and provides two Gb SFP open transceiver ports.



ESD42P-2ST-24VDC 6KQF-2SLC 6KQF-2SSC	Dual-Homing Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC is present jack for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included. 6KQ module, two 100Mb 20km single-m. SLC fiber ports, factory slot C fiber-only 6KQ module, two 100Mb 20km single-mode SC fiber ports, factory slot C fiber-only
CS14H-SST-Hd	Magnum Hardened Converter Switch, one 100Mb single-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14H-SST-Hi	Magnum Hardened Converter Switch, one 100Mb single-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14P-SSC-Pd	Magnum Premium-rated Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14P-SSC-Pi	Magnum Premium-rated Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors (-40°C to 75°C). Includes external AC Premium-rated power supply into 12VDC jack. Metal panel mounting brackets included.
CSG14HR-ESX-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX Extended Distance multi-mode port with SC-type connector, 1310nm wavelength, 2km nominal distance, 3km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 24VDC (range 18V to 36V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Includes the Model DIN-RAIL MC2 bracket which is optional on other models.
ES42H-1SSC-Hi	Magnum Hardened Edge Switch with one SSC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42PR-2MTRJ-24VDC	Magnum Premium-rated Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.
PESD42P-1MTRJ-48VDC	Dual-Homing Premium-rated PoE Power-Sourcing Edge Switch with one "MTRJ"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC t
6KL-125V 6KM4-4MLC PPM-SSCL 6KQ4-RJMLC 6KQE4-1SLC DXC-2GCU	Magnum 6KL Configurable Managed Edge Switch, base unit with four 10/100 copper ports, 125VDC power supply. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. 6KM fiber module, add four 2km mm SFF 100Mb LC fiber ports in 6KM slot C Fiber Port Module for 4K8 Bonus Port, and / or for 8000X configuration using one slot, with a 100Mb 40km long reach single-mode FX SC connector 6KQ module, two 10/100 copper ports and two 100Mb 2km multi-m. LC fiber ports, slots B and/or D 6KQE configuration, add three 10/100 copper and one 100Mb single-mode 20Km LC fiber ports in 6KQE slot C DX940 Gig module, two auto-negotiating 10/100/1000 Mb copper ports, configure in DX940 slot A only
DXC-DDS	Configure one DDS WAN port in Slot C. (Note: the DX940 C slot is factory-configured with a choice of a T1/E1 WAN port OR a DDS port OR a cellular wireless port).
ESD42PR-2SC-24VDC	Dual-Homing Premium-rated Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42PR-2ST-24VDC 10K2-2GCU 10K4-MLC	Dual-Homing Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included. 2-port Gigabit Port Module with two 10/100/1000Mb RJ45 ports. Fiber module w/ four 100 Mb 2km FX LC connectors
CS14H-SST-24VDC	Magnum Hardened Converter Switch, one 100Mb single-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
ES42H-1SSC-24VDC	Magnum Hardened Edge Switch with one SSC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
PES42H-2MLC-48VDC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with two MLC-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The t
PESD42H-2MTRJ-48VDC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with two MTRJ-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The
SFP12KX-BIDI-A-20	100FX Fiber Optic SFP transceiver for Magnum 12KX, 20km with 9u singlemode, LC socket, -40 °C to +85 °C. Requires SFP12KX-BIDI-B-20 on opposite end of fiber
SFP12KX-BIDI-B-20	100FX Fiber Optic SFP transceiver for Magnum 12KX, 20km with 9u singlemode, LC socket, -40 °C to +85 °C. Requires SFP12KX-BIDI-A-20 on opposite end of fiber
ES42P-2MLC-24VDC	Magnum Premium-rated Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing red
ES42P-2MTRJ-48VDC	Magnum Premium-rated Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42H-2MLC-48VDC	Dual-Homing Hardened Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact p
ESD42P-2MLC-12VDC	Dual-Homing Premium-rated Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Comp
ESD42P-2MTRJ-24VDC	Dual-Homing Premium-rated Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC is present jack for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
PES42P-2SC-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two SC-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.
PES42P-2ST-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two ST-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.
PESD42P-1MLC-48VDC 10-2RJSFP-RX 6KQE-2GCU	Dual-Homing Premium-rated PoE Power-Sourcing Edge Switch with one "MLC"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC t Double dual-media module for copper RJ45 10/100/1000 Mb or SFP. Ports are auto media detect and may use either RJ45 or SFP module. 6KQE Gig module, two auto-negotiating 10/100/1000 Mb copper ports, configure in 6KQE slot D only 12KX switch conformal coating, silicone at 5 mil thickness for protection against moisture. y Coats interior PCBs, power supply, and modules of one Magnum 12KX
CONF0RM05-12KX	Managed Switch product.
CS14HR-SST-24VDC	Magnum Hardened Converter Switch, one 100Mb single-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2
CS14P-SSC-24VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.

CS14-SLC-d	Magnum Converter Switch, one 100Mb single-mode LC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
CS14-SLC-i	Magnum Converter Switch, one 100Mb single-mode LC fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments (0°C to 40°C). Metal panel mounting brackets and external AC power supply included.
CS14-SSCL-d	Magnum Converter Switch, one 100Mb single-mode SC 40km+ fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
CS14-SSCL-i	Magnum Converter Switch, one 100Mb single-mode SC 40km+ fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments (0°C to 40°C). Metal panel mounting brackets and external AC power supply included.
CSG14H-LX10-48VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX10 single-mode port with LC-type connector, 1310nm wavelength, 10km nominal distance, 22km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for -48VDC (range 30V to 60V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
CSG14H-LX25-12VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX25 single-mode port with LC-type connector, 1310nm wavelength, 25km nominal distance, 40km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 12VDC (range 8V to 15V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
CSG14P-LX10-12VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX10 single-mode port with LC-type connector, 1310nm wavelength, 10km nominal distance, 22km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 12V (range 8 to 15V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. DIN-Rail hardware optional.
ES42-1SLC-d	Magnum Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-1SLC-i	Magnum Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-1SSCL-d	Magnum Edge Switch with one SSCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-1SSCL-i	Magnum Edge Switch with one SSCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-1SST-d	Magnum Edge Switch with one SST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-1SST-i	Magnum Edge Switch with one SST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-2SSC-d	Magnum Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-2SSC-i	Magnum Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42HR-1SSC-24VDC	Magnum Hardened Edge Switch with one SSC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL MC2 bracket included.
ESD42H-1SSC-12VDC	Dual-Homing Hardened Edge Switch with one SSC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-1MLC-24VDC	Dual-Homing Premium-rated Edge Switch with one multi-mode LC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Comp
ESD42P-2MLC-Pd	Dual-Homing Premium-rated Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Comp
ESD42P-2MLC-Pi	Dual-Homing Premium-rated Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Comp
ESD42P-2SC-48VDC	Dual-Homing Premium-rated Edge Switch with two SC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-2ST-48VDC	Dual-Homing Premium-rated Edge Switch with two ST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
6KP2-1GSFP1CU	Two-port gig module for 6K Switches, uses one 6K slot and provides one SFP open transceiver port for a user-selectable SFP Transceiver module and one auto-negotiating 10/100/1000Mb RJ45 copper port. Includes front-panel sheet metal cover.
6KP2-2GCU	Two-port one-slot Gigabit 6K module for Magnum 6K switches, uses one 6K slot and provides two Gigabit Copper (1000BASE-T) auto-negotiating ports. Includes front-panel sheet metal cover.
6KP2C-2GSX	Two-port one-slot Gigabit 6K module for 6K32F switches, uses one 6K slot and provides two Gigabit Fiber SXSC (1000BASE-SX multi-mode) ports. Includes front-panel sheet metal cover.
6KP2R-2GCU	Two-port one-slot Gigabit 6K module for 6K32R switches, uses one 6K slot and provides two Gigabit Copper (1000BASE-T) auto-negotiating ports. Includes front-panel sheet metal cover.
6KP4C-F10ST	2+2 10 Fiber module for Magnum 6K switches, with four 10 Mb 2km FL ST connectors
6KP4-F10ST	2+2 10 Fiber module for Magnum 6K switches, with four 10 Mb 2km FL ST connectors
6KP7-1GSFP6RJ	1 Gb SFP + 6 TP module for 6K switches, provides one SFP open transceiver port for a user-selectable SFP Transceiver module and six 10/100Mb auto-negotiating auto-cross RJ-45 ports. Includes front-panel sheet metal cover.
6KP8-RJ45	8-port PoE module for 6Ks with 48VDC PS, w/ eight PoE Power Source 10/100Mb auto-negotiating auto-cross RJ-45 ports
10-2DD5	Dual DDS WAN adapter for Magnum 10RX router
10-2T1E1	Dual T1/E1 WAN adapter for 10-series router
6KE-2GCU	Same as 6KP2-2GCU module, but narrower to fit in 6K25e Slot D. Two-port one-slot Gigabit 6K module for 6KE switches, uses one 6K slot and provides two Gigabit Copper (1000BASE-T) auto-negotiating ports. Includes front-panel sheet metal cover.
6KE-2GCU5FP	Same as 6KP2-1GSFP1CU module, but narrower to fit in 6K25e Slot D. Two-port gig module for 6K25e Switches, uses one 6K slot and provides one SFP open transceiver port for a user-selectable SFP Transceiver module and one auto-negotiating 10/100/1000Mb RJ45 copper port. Includes front-panel sheet metal cover.
CSG14H-ESX-48VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX Extended Distance multi-mode port with SC-type connector, 1310nm wavelength, 2km nominal distance, 3km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for -48VDC (range 30V to 60V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
CSG14H-LX25-Hd	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX25 single-mode port with LC-type connector, 1310nm wavelength, 25km nominal distance, 40km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened 115 VAC power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included. DIN-Rail hardware optional.
CSG14H-LX25-Hi	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX25 single-mode port with LC-type connector, 1310nm wavelength, 25km nominal distance,
CSG14P-ESX-12VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX Extended Distance multi-mode port with SC-type connector, 1310nm wavelength, 2km
CSG14P-LX10-Pd	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX10 single-mode port with LC-type connector, 1310nm wavelength, 10km nominal distance, 22km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC 115 VAC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included. DIN-Rail hardware optional.



CSG14P-LX10-Pi	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX10 single-mode port with LC-type connector, 1310nm wavelength, 10km nominal distance, 22km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC 230 VAC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included. DIN-Rail hardware optional
ES42PR-2MLC-24VDC	Magnum Premium-rated Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included. Dual-Homing Hardened Edge Switch with one SSC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-1SSC-Hd	Dual-Homing Hardened Edge Switch with one SSC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-1SSC-Hi	Dual-Homing Premium-rated Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42PR-2MTRJ-24VDC	Magnum 6KX Configurable Managed Edge Switch, base unit with four PoE enabled data pair 10/100 copper ports. 48VDC power supply. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. 10 ports max. Heavy duty metal case
6KLP-48V	1 Gb SFP + 6 TP module for 6K "V" switches, provides one SFP open transceiver port for a user-selectable SFP Transceiver module and six 10/100Mb auto-negotiating auto-cross RJ-45 ports. Includes front-panel sheet metal cover.
6KP7V-1GSFP6RJ	Fiber module with one 100Mb 40km long reach single-mode FX SC connector
FKM-1SSL-4K16	Fiber module with one 100Mb 40km long reach single-mode FX SC connector
FKM-1SSL-4K24	6KM module, add four PoE M12 10/100 copper ports in 6KM slot C (prerequisite is 6KM PoE base unit.)
P6KM4-4M12	8-port PoE module for 6Ks with 48VDC PS, w/ eight PoE Power Source 10/100Mb auto-negotiating auto-cross RJ-45 ports
P6KP8V-RJ45	Two-port one-slot Gigabit 6K module for 6K16V / 6K8 switches, uses 1 slot and provides two Gb SFP open transceiver ports.
6KP2V-2GSFP	
CS14PR-SSC-24VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2 Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX Extended Distance multi-mode port with SC-type connector, 1310nm wavelength, 2km nominal distance, 3km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC 115 VAC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included. DIN-Rail hardware optional
CSG14P-ESX-Pd	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX Extended Distance multi-mode port with SC-type connector, 1310nm wavelength, 2km
CSG14P-ESX-Pi	
10-2RJ5FP	Two auto media ports for copper RJ45 10/100/1000 Mb or SFP. Ports are auto media detect and may use either RJ45 or SFP module. Includes 1588 timing capability.
10K2T-2GSFP	2-port Gigabit Timing Port Module with two open SFP ports. Each port supports IEEE 1588v2 Timing.
4K8-24V	Ethernet Switch with 8 RJ45 ports, each auto-sensing for 10/100Mb FDx/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes an internal 24VDC (20 to 40DC) power supply, cooling fan, and metal brackets for rack-mounting. LEDs and user ports are in the front, power input is in the rear.
CSG14H-LX25-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX25 single-mode port with LC-type connector, 1310nm wavelength, 25km nominal distance, 40km per
PES42P-2MTRJ-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two MTRJ-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.
PESD42H-2MLC-48VDC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with two MLC-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The f
6KM-12T24VDC	Magnum 6KM Managed Ethernet Switch, base unit with four 10/100 M12 copper ports in Slot A.
ES42P-2MLC-48VDC	Magnum Premium-rated Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing red
ESD42P-2MLC-24VDC	Dual-Homing Premium-rated Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Comp
ESD42P-2MTRJ-48VDC	Dual-Homing Premium-rated Edge Switch with two MTRJ-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
PESD42P-2SC-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two "SC"-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input.
PESD42P-2ST-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two "ST"-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input.
CS14H-SLC-12VDC	Magnum Hardened Converter Switch, one 100Mb single-mode LC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CS14H-SSL-12VDC	Magnum Hardened Converter Switch, one 100Mb single-mode SC 40km+ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CS14H-SST-48VDC	Magnum Hardened Converter Switch, one 100Mb single-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CS14P-SSC-48VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode SC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CS14P-SST-12VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CSG14HR-LX25-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX25 single-mode port with LC-type connector, 1310nm wavelength, 25km nominal distance, 40km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 24VDC (range 18V to 36V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Includes the Model DIN-RAIL MC2 bracket which is optional on other models.
CSG14P-LX10-24VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX10 single-mode port with LC-type connector, 1310nm wavelength, 10km nominal distance, 22km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 24VDC (range 18V to 36V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. DIN-Rail hardware optional
ES42H-1SLC-12VDC	Magnum Hardened Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-1SSC-48VDC	Magnum Hardened Edge Switch with one SSC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-1SSC-12VDC	Magnum Hardened Edge Switch with one SSL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.

ES42H-1SST-12VDC	Magnum Hardened Edge Switch with one SST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2SSC-12VDC	Magnum Hardened Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1SSC-12VDC	Magnum Premium-rated Edge Switch with one SSC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42-1SLC-d	Dual-Homing Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-1SLC-i	Dual-Homing Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-1SSCL-d	Dual-Homing Edge Switch with one SSC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-1SSCL-i	Dual-Homing Edge Switch with one SSC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-1SST-d	Dual-Homing Edge Switch with one SST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-1SST-i	Dual-Homing Edge Switch with one SST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-2SSC-d	Dual-Homing Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-2SSC-i	Dual-Homing Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42H-1SSC-24VDC	Dual-Homing Hardened Edge Switch with one SSC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42HR-1SSC-24VDC	Dual-Homing Hardened Edge Switch with one SSC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL MC2 bracket included.
6KQF-4MLC	6K module, four 100Mb 2km multi-m. MLC fiber ports, factory slot C fiber-only
6KPA-C-FLSTFX	2+2 ST Fiber Module for Magnum 6K Switches with two 10 Fl and two 100Mb 2km FX ST connectors
6KPA-FLSTFX	2+2 ST Fiber Module for Magnum 6K Switches with two 10 Fl and two 100Mb 2km FX ST connectors
6K6RC-RJ10ST	4+2 module for Magnum 6K Switches, with four 10/100 RJ45 and two 10 Mb 2km FL ST connectors
6K6P-RJ10ST	4+2 module for Magnum 6K Switches, with four 10/100 RJ45 and two 10 Mb 2km FL ST connectors
3450HRT-H R	100Base-TX/-FX Link 850nm MM 90-250Vdc POWER
3450HRT-L R	100Base-TX/-FX Link 850nm MM 24-48 Vdc POWER
	Magnum 6KL Configurable Managed Edge Switch, base unit with four 10/100 copper ports. 250VDC power supply. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
6KL-250V	6KL module, add two SFF 100Mb sgl-m 20Kmm LC and two mm SFF 100Mb LC fiber ports in 6KL slot C
6KL4-2SLC2MLC	6KL module, add two 10/100 copper and two single-mode SFF 20Kmm 100Mb LC fiber ports in 6KL slot C
6KL4-2SLC2RJ	6KL module, add two 10/100 copper and two 20Kmm sgl m 100Mb SC fiber ports in 6KL slot C
6KQE-12V	Magnum 6KQE Managed Edge Switch, base unit with four 10/100 copper ports. 12VDC power supply. Up to 3 100Mb fiber ports or up to four more 10/100 copper ports (or combinations) may also be configured, and up to 2 Gb ports are optional. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Dual LEDs for all-around status viewing. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring, etc.), see their respective data sheets.
6KQE-AC	Magnum 6KQE Managed Edge Switch, base unit with four 10/100 copper ports. AC power supply, 100 to 240vac, 47 to 63 Hz. Up to 3 100Mb fiber ports or up to four more 10/100 copper ports (or combinations) may also be configured, and up to 2 Gb ports are optional. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Dual LEDs for all-around status viewing. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring, etc.), see their respective data sheets.
CS14H-SLC-Hd	Magnum Hardened Converter Switch, one 100Mb single-mode LC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14H-SLC-Hi	Magnum Hardened Converter Switch, one 100Mb single-mode LC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack with extended temperature range (-25°C to 60°C). Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14H-SSCL-Hi	Magnum Hardened Converter Switch, one 100Mb single-mode SC 40km+ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14P-SST-Pd	Magnum Premium-rated Converter Switch, one 100Mb single-mode ST fiber port and two 110/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14P-SST-Pi	Magnum Premium-rated Converter Switch, one 100Mb single-mode ST fiber port and two 110/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Premium power supply into 12VDC jack. Metal panel mounting brackets included.
CSG14P-ESX-24VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX Extended Distance multi-mode port with SC-type connector, 1310nm wavelength, 2km nominal distance, 3km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 24VDC (range 18V to 36V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. DIN-Rail hardware optional
ES42H-1SC-1SSC-Hd	Magnum Hardened Edge Switch with one SC-type and one SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-1SLC-Hd	Magnum Hardened Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-1SLC-Hi	Magnum Hardened Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.

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ES42H-1SSCL-Hd	Magnum Hardened Edge Switch with one SSCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-1SSCL-Hi	Magnum Hardened Edge Switch with one SSCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-1SST-Hd	Magnum Hardened Edge Switch with one SST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-1SST-Hi	Magnum Hardened Edge Switch with one SST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-2SSC-Hd	Magnum Hardened Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-2SSC-Hi	Magnum Hardened Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-1SSC-Pd	Magnum Premium-rated Edge Switch with one SSC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-1SSC-Pi	Magnum Premium-rated Edge Switch with one SSC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42PR-2MLC-24VDC	Dual-Homing Premium-rated Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Comp Same as 6KP2-2GSFP module, but narrower to fit in 6K25e Slot D. Two-port one-slot Gigabit 6K module for 6K25e switches, uses 1 slot and provides two Gb SFP open transceiver ports.
6KE-2GSFP	Two-port one-slot Gigabit 6K module for 6K32 switches, uses 1 slot and provides two Gb SFP open transceiver ports.
6KP2-2GSFP	Fiber module w/ two 100 Mb 2km single-mode SC connectors. Each port supports IEEE 1588
10K2T-SSC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX10 single-mode port with LC-type connector, 1310nm wavelength, 10km nominal distance, 22km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 24VDC (range 18V to 36V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. Includes the Model DIN-RAIL MC2 bracket which is optional on other models.
CSG14PR-LX10-24VDC	Configure one T1/E1 WAN port with integral DSU/CSU in Slot C. (Note: the DX940 C slot is factory-configured with a choice of a T1/E1 WAN port OR a DDS WAN port OR a cellular wireless port).
DXC-T1E1	Two-port one-slot Gigabit 6K module for 6K16V / 6K8 switches, provides 1 Gb SFP open port plus 1 copper (1000BASE-T) auto-negotiating Gb port.
6KP2V-1GCU1SFP	Two-port one-slot Gigabit 6K module for 6K16V / 6K8 switches, provides 1 Gb SFP open port plus 1 copper (1000BASE-T) auto-negotiating Gb port.
6KP2V-1GSFP1CU	Two-port one-slot Gigabit 6K module for 6K8/6K16V switches, uses one 6K slot and provides two Gigabit Copper (1000BASE-T) auto-negotiating ports. Includes front-panel sheet metal cover.
6KP2V-2GCU	2+2 10 Mb Fiber module for 6K16V/6K8 switches, with four 10 Mb 2km FL ST connectors
6KP4V-F10ST	Magnum Hardened Converter Switch, one 100Mb single-mode LC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CS14H-SLC-24VDC	Magnum Hardened Converter Switch, one 100Mb single-mode SC 40km+ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CS14H-SSCL-24VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb SX Extended Distance multi-mode port with SC-type connector, 1310nm wavelength, 2km
CSG14PR-ESX-24VDC	Magnum Hardened Edge Switch with one SC-type and one SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-1SC-1SSC-24VDC	Magnum Hardened Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-1SLC-24VDC	Magnum Hardened Edge Switch with one SSCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-1SSCL-24VDC	Magnum Hardened Edge Switch with one SST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-1SST-24VDC	Magnum Hardened Edge Switch with one SST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2SSC-24VDC	Magnum Hardened Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
PES42P-2MLC-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two Multi-Mode LC-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.
PESD42P-2MTRJ-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two "MTRJ"-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input
4K8-24V-Switch	Ethernet Switch with 8 RJ45 ports, each auto-sensing for 10/ 100Mb FDx/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes an internal 24VDC (20 to 40DC) power supply, cooling fan, and metal brackets for rack-mounting. LEDs and user ports are in the front, power input is in the rear. Includes ON OFF switch.
6KQ4-MT	6KQ module, four 100Mb 2km multi-m. MTRJ fiber ports, may be used in 6KQ slots B and/or D
ESD42P-2MLC-48VDC	Dual-Homing Premium-rated Edge Switch with two multi-mode LC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Comp
PES42H-1SSC-48VDC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with one "SSC"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The fiber port and regular RJ-45 port support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.
CS14HR-SLC-24VDC	Magnum Hardened Converter Switch, one 100Mb single-mode LC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2



	Dual-Homing Hardened Edge Switch with one SST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ESD42H-1SST-Hi	Dual-Homing Hardened Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ESD42H-2SSC-Hd	Dual-Homing Hardened Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ESD42H-2SSC-Hi	Dual-Homing Premium-rated Edge Switch with one SSC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ESD42P-1SSC-Pd	Dual-Homing Premium-rated Edge Switch with one SSC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.	
ESD42P-1SSC-Pi	Fiber module w/ four 100Mb 2km single-mode FX MTRJ ports. Each port supports IEEE 1588	
10K4T-MTRJ	100Base-TX / FX Link 1300nm MM 12Vdc POWER	EOL
3442HRT R	2+2 100Mb Fiber module for Magnum 6K switches, with four 100Mb 2km FX SC connectors	
6KP4C-FXSC	2+2 100Mb Fiber Module for Magnum 6K switches with four 100Mb 2km FX ST connectors	
6KP4C-FXST	2+2 100Mb Fiber module for Magnum 6K switches, with four 100Mb 2km FX SC connectors	
6KP4-FXSC	2+2 100Mb Fiber Module for Magnum 6K switches with four 100Mb 2km FX ST connectors	
6KP4-FXST	Five-port one-slot Gigabit 6K module for 6K16 switches, uses one 6K slot and provides one Gigabit Copper (1000BASE-T) auto-negotiating port and four 10/100 RJ-45 ports. Includes front-panel sheet metal cover.	
6KPS-1CU4RJ	4+2 module for Magnum 6K switches, with four 10/100 RJ45 and two 100Mb 2km multi-mode FX SC connectors	
6KP6RC-RJM5C	4+2 module for Magnum 6K switches, with four 10/100 RJ45 and two 100Mb 2km multi-mode FX ST connectors	
6KP6RC-RJM5T	4+2 module for Magnum 6K switches, with four 10/100 RJ45 and two 100Mb 2km multi-mode FX SC connectors	
6KP6-RJM5C	4+2 module for Magnum 6K switches, with four 10/100 RJ45 and two 100Mb 2km multi-mode FX ST connectors	
6KP6-RJM5T	6+2 module for Magnum 6K Switches, with six 10/100 RJ45 and two 100Mb 2km multimode MTRJ connectors	
6KP8-45-2MT	1 Gb SFP + 6 TP module for 6K switches with 48VDC, provides one SFP open transceiver port for a user-selectable SFP Transceiver module and two 10/100Mb auto-negotiating auto-cross RJ-45 ports, and 4 10/100 PoE ports. Includes front-panel sheet metal cover.	
P6KP7-1GSFP6RJ	4 CHANNEL RS232 MM FO LINK 12Vdc POWER High Speed	
594104HRT R	4 Port Fiber Uplink RS232 MM 12Vdc POWER	
5947C1HRT R	Magnum Premium-rated Converter Switch, one 100Mb single-mode ST fiber port and two 110/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2	
CS14PR-SST-24VDC	Magnum Premium-rated Edge Switch with one SSC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.	
ES42P-1SSC-24VDC	Five-port one-slot Gigabit 6K module for 6K16V switches, uses one 6K slot and provides one Gigabit Copper (1000BASE-T) auto-negotiating port and four 10/100 RJ-45 ports. Includes front-panel sheet metal cover.	
6KPSV-1CU4RJ	Dual-Homing Hardened Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
ESD42H-1SLC-24VDC	Dual-Homing Hardened Edge Switch with one SSCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
ESD42H-1SSCL-24VDC	Dual-Homing Hardened Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
ESD42H-2SSC-24VDC	1 Gb SFP + 6 TP module for 6K switches with 48VDC, provides one SFP open transceiver port for a user-selectable SFP Transceiver module and two 10/100Mb auto-negotiating auto-cross RJ-45 ports, and 4 10/100 PoE ports. Includes front-panel sheet metal cover.	
P6KP7V-1GSFP6RJ	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two "MLC"-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. 48VDC terminal block for power input	
PESD42P-2MLC-48VDC	Ethernet Switch with 16 RJ45 ports, each auto-sensing for 10/100Mb FDH/HDX operation. Optional fiber ports may be configured, zero or one or two from the family of modules, to operate at 100Mb in place of the corresponding RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal auto-ranging power supply, cooling fan, and metal brackets for 19" rack-mounting. LEDs and user ports are in the front, power input is in the rear.	
4K16	Ethernet Switch with eight RJ45 ports, each auto-sensing for 10/100Mb FDH/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes an internal 125VDC (120 to 160VDC) power supply, cooling fan, and metal brackets for rack-mounting. LEDs and the Ethernet ports are in the front, power input is in the rear.	
4K8-125V	Reverse Ethernet Switch with eight RJ45 ports, each auto-sensing for 10/100Mb FDH/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes an internal 24VDC (20 to 40VDC) power supply, cooling fan, and metal brackets for rack-mounting. LEDs are in the front, power input and the Ethernet ports are in the rear.	
4K8R-24V	Reverse Ethernet Switch NEBS Certified with 8 RJ45 ports, each auto-sensing for 10/100Mb FDH/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal universal auto-ranging AC power supply, cooling fan, and metal brackets for rack-mounting. LEDs and user ports are in the front, power input is in the rear.	
4K8R-ACNB	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with one SSC-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal	
PESD42H-1SSC-48VDC	2+2 ST Fiber module for 6K16V/6K8 switches, with two 10 Mb FL and two 100Mb FX ports	
6KP4V-FLSTFX	4+2 module for 6K16V/6K8 Switches, with four 10/100 RJ45 and two 10 Mb 2km FL ST connectors	
6KP6V-RJ10ST	Magnum Hardened Converter Switch, one 100Mb single-mode FC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
CS14H-SFC-12VDC	Magnum Hardened Converter Switch, one 100Mb single-mode LC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
CS14H-SLC-48VDC	Magnum Hardened Converter Switch, one 100Mb single-mode SC 40km+ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.	
CS14H-SSCL-48VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode LC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.	
CS14P-SLC-12VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode SC 40km+ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.	
CS14P-SSCL-12VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode ST fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.	
CS14P-SST-48VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX25 single-mode port with LC-type connector, 1310nm wavelength, 25km nominal distance, 40km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Includes 12V (range 8 to 15V) DC terminal block. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Metal panel mounting brackets included. DIN-Rail hardware optional	
CSG14P-LX25-24VDC	Magnum Hardened Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ES42H-1SLC-48VDC	Magnum Hardened Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for use i	
ES42H-1SLC-12VDC		

ES42H-1SSCL-48VDC	Magnum Hardened Edge Switch with one SSCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-1SST-48VDC	Magnum Hardened Edge Switch with one SST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2SLC-12VDC	Magnum Hardened Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2SSC-48VDC	Magnum Hardened Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2SST-12VDC	Magnum Hardened Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1SLC-12VDC	Magnum Premium-rated Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature uncontrolled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1SSC-48VDC	Magnum Premium-rated Edge Switch with one SSC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature uncontrolled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1SSCL-12VDC	Magnum Premium-rated Edge Switch with one SSCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature uncontrolled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1SST-12VDC	Magnum Premium-rated Edge Switch with one SST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature uncontrolled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-2SSC-12VDC	Magnum Premium-rated Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature uncontrolled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42-1SLC-d	Dual-Homing Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction.
ESD42-1SLC-i	Dual-Homing Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction.
ESD42-2SLC-d	Dual-Homing Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-2SLC-i	Dual-Homing Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-2SST-d	Dual-Homing Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-2SST-i	Dual-Homing Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42H-1SST-24VDC	Dual-Homing Hardened Edge Switch with one SST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42HR-1SLC-24VDC	Dual-Homing Hardened Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL MC2 bracket included.
ESD42HR-1SST-24VDC	Dual-Homing Hardened Edge Switch with one SST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL MC2 bracket included.
ESD42HR-2SSC-24VDC	Dual-Homing Hardened Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42HR-2SSCL-24VDC	Dual-Homing Hardened Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42P-1SSC-24VDC	Dual-Homing Premium-rated Edge Switch with one SSC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature uncontrolled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
6KQ-24V	Magnum 6KQ Configurable Managed Field Switch, base unit with 24VDC power supply and four 10/100 copper ports. May be factory-configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of 6KQ port modules per the 6KQ Configuration Guide. 16 ports max. Heavy duty fully enclosed aluminum case designed with ribbed surface for max heat dissipation, used as a heat sink, rated IP52 for environmental protection, no fans. Dual LEDs for all-around status viewing. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. Wire speed filtering and forwarding across all ports. For licensed network management software information (MNS-6K, S-Ring, Dual-Homing, IGMP-L2, Security, etc.), see their respective data sheets.
6KQ2-SSC	6KQ module, two 100Mb 20km single-mode SC fiber ports, slots B and/or D
6KL-125V-DSRC	Magnum 6KL Configurable Managed Edge Switch, base unit with four 10/100 copper ports Includes dual source power block for 125VDC power supply. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
6KL4-4SLC	6KL module, add four SFF 100Mb single-mode 20Km LC fiber ports in 6KL slot C
6KM4-2SLC2RJ	6KM module, add two M12 10/100 copper and two sgl-m SFF 20Km 100Mb LC fiber ports in slot C
10K2T-SST	Fiber module w/ two 100 Mb 2km single-mode FX ST connectors. Each port supports IEEE 1588
CS14H-SFC-Hd	Magnum Hardened Ethernet Converter Switch with single-mode FC-type 100Mb fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14H-SFC-Hi	Magnum Hardened Ethernet Converter Switch with single-mode FC-type 100Mb fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12V (range 8 to 15V) DC terminal block. Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.



PE542P-1SSC-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with one Single Mode SC-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The fiber port and regular RJ-45 port support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.
CS14HR-SFC-24VDC	Magnum Hardened Converter Switch, one 100Mb single-mode FC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-25°C to 60°C). Includes DIN-Rail mounting option, Model DIN-RAIL-MC2
CS14P-SLC-24VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode LC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CS14P-SSCL-24VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode SC 40km+ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 24VDC (range 18V to 36V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CS14-SLCL-d	Magnum Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet
CS14-SLCL-i	Magnum Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet
CSG14P-LX25-48VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb LX25 single-mode port with LC-type connector, 1310nm wavelength, 25km nominal dista
ES42-1SFC-d	Magnum Edge Switch with one SFC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-1SFC-i	Magnum Edge Switch with one SFC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-2SSCL-d	Magnum Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-2SSCL-i	Magnum Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42HR-1SLCL-24VDC	Magnum Hardened Edge Switch with one SLCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for use i
ES42HR-2SLC-24VDC	Magnum Hardened Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.
ES42HR-2SST-24VDC	Magnum Hardened Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.
ES42P-1SLC-24VDC	Magnum Premium-rated Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1SSCL-24VDC	Magnum Premium-rated Edge Switch with one SSCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1SST-24VDC	Magnum Premium-rated Edge Switch with one SST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-2SSC-24VDC	Magnum Premium-rated Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42H-1SLC-48VDC	Dual-Homing Hardened Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-1SLCL-12VDC	Dual-Homing Hardened Edge Switch with one SLCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-1SSCL-48VDC	Dual-Homing Hardened Edge Switch with one SSCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-1SST-48VDC	Dual-Homing Hardened Edge Switch with one SST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-2SLC-12VDC	Dual-Homing Hardened Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-2SSC-48VDC	Dual-Homing Hardened Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-2SST-12VDC	Dual-Homing Hardened Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-1SLC-12VDC	Dual-Homing Premium-rated Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-1SSC-48VDC	Dual-Homing Premium-rated Edge Switch with one SSCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-1SSCL-12VDC	Dual-Homing Premium-rated Edge Switch with one SSCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-1SST-12VDC	Dual-Homing Premium-rated Edge Switch with one SST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-2SSC-12VDC	Dual-Homing Premium-rated Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
6KQE-48V 6KQP-2SSCL	Magnum 6KQE Managed Edge Switch, base unit with four 10/100 copper ports. 48VDC power supply. Up to 3 100Mb fiber ports or up to four more 10/100 copper ports (or combinations) may also be configured, and up to 2 Gb ports are optional. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Dual LEDs for all-around status viewing. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring, etc.), see their respective data sheets. 6KQ module, two 100Mb 40km single-mode SC fiber ports, factory slot C fiber-only





4K16R	Reverse Ethernet Switch with 16 RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Optional fiber ports may be configured to operate at 100Mb in place of the corresponding RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal auto-ranging power supply, cooling fan, and metal brackets for 19" rack-mounting. User ports and the power input connectors are in the rear, LEDs are in the front.
4K8R-125V	Reverse Ethernet Switch with eight RJ45 ports, each auto-sensing for 10/ 100Mb FDX/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes an internal 125VDC (120 to 160VDC) power supply, cooling fan, and metal brackets for rack-mounting. LEDs are in the front, power input and the Ethernet ports are in the rear.
PESD42H-1SLC-48VDC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with one SLC-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal
PESD42H-1SSCL-48VDC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with one SSCL-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal
PESD42H-1SST-48VDC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with one SST-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal
PESD42H-2SSC-48VDC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with two SSC-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The f
PESD42P-1SSC-48VDC	Dual-Homing Premium-rated PoE Power-Sourcing Edge Switch with one "SSC"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC te
CS14H-SFC-48VDC	Magnum Hardened Converter Switch, one 100Mb single-mode FC fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-25°C to 60°C). Metal panel mounting brackets included.
CS14H-SLCL-12VDC	Magnum Hardened Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for fac
CS14P-SLC-48VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode SC 40km+ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
CS14P-SSCL-48VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode SC 40km+ fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 48VDC (range 30V to 60V) power supply with extended temperature range (-40°C to 75°C). Metal panel mounting brackets included.
ES42H-1SFC-12VDC	Magnum Hardened Edge Switch with one SFC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-1SLC-48VDC	Magnum Hardened Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for use i
ES42H-2SLC-48VDC	Magnum Hardened Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2SSCL-12VDC	Magnum Hardened Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2SST-48VDC	Magnum Hardened Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1SLC-48VDC	Magnum Premium-rated Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1SLCL-12VDC	Magnum Premium-rated Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for
ES42P-1SSCL-48VDC	Magnum Premium-rated Edge Switch with one SSCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-1SST-48VDC	Magnum Premium-rated Edge Switch with one SST-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-2SLC-12VDC	Magnum Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-2SSC-48VDC	Magnum Premium-rated Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-2SST-12VDC	Magnum Premium-rated Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42-1SFC-d	Dual-Homing Edge Switch with one SFC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-1SFC-i	Dual-Homing Edge Switch with one SFC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Ports 1 (fiber) and two (RJ-45). Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-2SSCL-d	Dual-Homing Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42-2SSCL-i	Dual-Homing Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ESD42HR-1SLCL-24VDC	Dual-Homing Hardened Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) supp
ESD42HR-1SSCL-24VDC	Dual-Homing Hardened Edge Switch with one SSCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42HR-2SLC-24VDC	Dual-Homing Hardened Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42HR-2SST-24VDC	Dual-Homing Hardened Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42P-1SLC-24VDC	Dual-Homing Premium-rated Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.

ESD42P-1SSCL-24VDC	Dual-Homing Premium-rated Edge Switch with one SSCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-1SST-24VDC	Dual-Homing Premium-rated Edge Switch with one SST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-2SSC-24VDC	Dual-Homing Premium-rated Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC is present jack for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
6KL4-2SLCL2RJ	6KL module, add two 10/100 copper and two single-mode SFF 40Km 100Mb LC fiber ports in 6KL slot C
6KL4-4SSC	6KL module, add four 20Km single-mode 100Mb SC fiber ports in 6KL slot C
FKM-2SSC	Fiber module with two 100Mb 20Km single-mode FX SC connectors
P6KPGV-RJM5C	4+2 module for 6Ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and two 100Mb 2km mm FX SC connectors
P6KPGV-RJM5T	4+2 module for 6Ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and two 100Mb 2km mm FX ST connectors
P6KPBV-4S-2MT	6+2 module for 6Ks with 48VDC PS, w/ 4 PoE Power Source 10/100 RJ-45 and two 10/100 RJ-45 and two 100Mb 2km mm MTRJ connectors
CS14H-SLCL-Hd	Magnum Hardened Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for fac
CS14H-SLCL-Hi	Magnum Hardened Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for fac
ES42H-1SFC-Hd	Magnum Hardened Edge Switch with one SFC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-1SFC-Hi	Magnum Hardened Edge Switch with one SFC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-2SSCL-Hd	Magnum Hardened Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-2SSCL-Hi	Magnum Hardened Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-1SLCL-Pd	Magnum Premium-rated Edge Switch with one SLCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-1SLCL-Pi	Magnum Premium-rated Edge Switch with one SLCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-2SLC-Pd	Magnum Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-2SLC-Pi	Magnum Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-2SST-Pd	Magnum Premium-rated Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-2SST-Pi	Magnum Premium-rated Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
6KQ-12V	Magnum 6KQ Configurable Managed Field Switch, base unit with 12VDC power supply and four 10/100 copper ports. May be factory-configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of 6KQ port modules per the 6KQ Configuration Guide. 16 ports max. Heavy duty fully enclosed aluminum case designed with ribbed surface for max heat dissipation, used as a heat sink, rated IP52 for environmental protection, no fans. Dual LEDs for all-around status viewing. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. Wire speed filtering and forwarding across all ports. For licensed network management software information (MNS-6K, S-Ring, Dual-Homing, IGMP-L2, Security, etc.), see their respective data sheets.
ESD42PR-1SLC-24VDC	Dual-Homing Premium-rated Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42PR-1SSCL-24VDC	Dual-Homing Premium-rated Edge Switch with one SSCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42PR-1SST-24VDC	Dual-Homing Premium-rated Edge Switch with one SST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42PR-2SSC-24VDC	Dual-Homing Premium-rated Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
CS14H-SLCL-24VDC	Magnum Hardened Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for fac
ES42H-1SFC-24VDC	Magnum Hardened Edge Switch with one SFC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2SSCL-24VDC	Magnum Hardened Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
PE542H-1SLCL-48VDC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with one "SLCL" type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC term
PE542H-2SLC-48VDC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with two SLC-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The t
PE542H-2SST-48VDC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with two SST-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The t
PE542P-1SLC-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with one Single Mode LC-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitorin
PE542P-1SSCL-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with one Single Mode SC Long Reach-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power

PE542P-2SSC-48VDC 6KL4-2SSCL2RJ	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two Single Mode SC-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.
CS14HR-SLCL-24VDC	6KL module, add two 10/100 copper and two 40 km single-mode 100 Mbps SC fiber ports in 6KL slot C Magnum Hardened Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for fac
ES42-2SFC-d	Magnum Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-2SFC-i	Magnum Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for office and wiring closet environments. Metal panel mounting brackets and external AC power supply included.
ES42-2SLCL-d	Magnum Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LE
ES42-2SLCL-i	Magnum Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LE
ES42HR-1SFC-24VDC	Magnum Hardened Edge Switch with one SFC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL MC2 bracket included.
ES42HR-2SSCL-24VDC	Magnum Hardened Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.
ES42P-1SLCL-24VDC	Magnum Premium-rated Edge Switch with one SLCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for
ES42P-2SLC-24VDC	Magnum Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42P-2SST-24VDC	Magnum Premium-rated Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42H-1SFC-12VDC	Dual-Homing Hardened Edge Switch with one SFC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 48VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-1SLCL-48VDC	Dual-Homing Hardened Edge Switch with one SLCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45) supp
ESD42H-2SLC-48VDC	Dual-Homing Hardened Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-2SSCL-12VDC	Dual-Homing Hardened Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-2SST-48VDC	Dual-Homing Hardened Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-1SLC-48VDC	Dual-Homing Premium-rated Edge Switch with one SLC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package
ESD42P-1SLCL-12VDC	Dual-Homing Premium-rated Edge Switch with one SLCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45)
ESD42P-1SSCL-48VDC	Dual-Homing Premium-rated Edge Switch with one SSCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact packa
ESD42P-1SST-48VDC	Dual-Homing Premium-rated Edge Switch with one SST-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package
ESD42P-2SLC-12VDC	Dual-Homing Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-2SSC-48VDC	Dual-Homing Premium-rated Edge Switch with two SSC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-2SST-12VDC	Dual-Homing Premium-rated Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
6KMP-48VDC	Magnum 6KM Mobile Ethernet Switch base unit with 48VDC power input, four PoE enabled M12 4-pin D-encoded 10/100 copper ports. 48VDC power supply with power input via a 4-pin female RD 24 threaded locking connector. May be configured with a variety of 10/100/1000Mb fiber and copper ports in Slots B and C. Max Configuration is 10 ports of all types. Heavy duty metal case, IP52 for environmental protection, no fans. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
ESD42H-1SFC-Hd	Dual-Homing Hardened Edge Switch with one SFC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-1SFC-Hi	Dual-Homing Hardened Edge Switch with one SFC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42P-1SLCL-Pd	Dual-Homing Premium-rated Edge Switch with one SLCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45)
ESD42P-1SLCL-Pi	Dual-Homing Premium-rated Edge Switch with one SLCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45)
ESD42P-2SLC-Pd	Dual-Homing Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42P-2SLC-Pi	Dual-Homing Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42P-2SST-Pd	Dual-Homing Premium-rated Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42P-2SST-Pi	Dual-Homing Premium-rated Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42PR-1SLCL-24VDC	Magnum Premium-rated Edge Switch with one SLCL-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for

ES42P-2SLC-24VDC	Magnum Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.	
ES42P-2SST-24VDC	Magnum Premium-rated Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.	
ESD42H-2SSL-24VDC 6KP6V-MT10ST	Dual-Homing Hardened Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
ESD42H-1SFC-24VDC	4+2 module for 6K16V/6K8 Switches, with four 100Mb MTRJ fiber and two 10 Mb 2km FL ST connectors	
PESD42H-1SLCL-48VDC	Dual-Homing Hardened Edge Switch with one SFC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
PESD42H-2SLC-48VDC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with one SLC-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The f	
PESD42H-2SST-48VDC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with two SLC-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The f	
PESD42P-1SLC-48VDC	Dual-Homing Premium-rated PoE Power-Sourcing Edge Switch with one "SLC"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC te	
PESD42P-1SSCL-48VDC	Dual-Homing Premium-rated PoE Power-Sourcing Edge Switch with one "SSCL"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC t	
PESD42P-1SST-48VDC	Dual-Homing Premium-rated PoE Power-Sourcing Edge Switch with one "SST"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC te	
PESD42P-2SSC-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two "SSC"-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input	
4K16-48V	Ethernet Switch with 16 RJ45 ports, each auto-sensing for 10/100Mb FDx/HDX operation. Optional fiber ports may be configured, zero or one or two from the family of modules, to operate at 100Mb in place of the corresponding RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal -48VDC (36-70VDC) power supply, cooling fan, and metal brackets for 19" rack-mounting. LEDs and the Ethernet ports are in the front, power input is in the rear.	
6KQE-125V 6KQE4-2SLC 3452HRT-H R 3452HRT-L R 6KM4-2SLCL2RJ 6KM4-4SLC	Magnum 6KQE Managed Edge Switch, base unit with four 10/100 copper ports. 125VDC power supply nominal (range 88 to 150VDC). Up to 3 100Mb fiber ports or up to four more 10/100 copper ports (or combinations) may also be configured, and up to 2 Gb ports are optional. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Dual LEDs for all-around status viewing. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring, etc.), see their respective data sheets.	EOL EOL
CS14H-1SLCL-48VDC	6KQE configuration, add two 10/100 copper and two 100Mb single-mode 20Km LC fiber ports in 6KQE slot C	
CS14P-1SLC-12VDC	100Base-TX/-FX Link 1300nm MM 90-250Vac/Vdc POWER	
ES42H-1SFC-48VDC	100Base-TX/-FX Link 1300nm MM 24-48 Vdc POWER	
ES42H-2SFC-12VDC	6KM module, add two M12 10/100 copper and two sgl.m SFF 40Km 100Mb LC fiber ports in slot C	
ES42H-2SLC-12VDC	6KM fiber module, add four SFF 100Mb single-mode 20Km LC fiber ports in 6KM slot C	
ES42H-2SSCL-48VDC	Magnum Hardened Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for fac	
ES42P-1SLCL-48VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperatu	
ES42P-2SLC-48VDC	Magnum Hardened Edge Switch with one SFC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ES42P-2SST-48VDC	Magnum Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ESD42-2SFC-d	Magnum Hardened Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for use i	
ESD42-2SFC-i	Magnum Hardened Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ESD42-2SLCL-d	Magnum Premium-rated Edge Switch with one SLC-type 100Mb fiber port and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for	
ESD42-2SLCL-i	Magnum Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ESD42HR-1SFC-24VDC	Magnum Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.	
ESD42P-1SLCL-24VDC	Magnum Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC is present jack for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
ESD42P-2SLC-24VDC	Magnum Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC is present jack for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
ESD42P-2SST-24VDC	Magnum Premium-rated Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC is present jack for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.	
CS14P-SLCL-Pd	Magnum Premium-rated Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for tempera	
CS14P-SLCL-Pi	Magnum Premium-rated Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperat	

ES42H-2SFC-Hd	Magnum Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Terminal block for 12VDC (range 8V to 15V) power connection is present. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-2SFC-Hi	Magnum Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42H-2SLCL-Hd	Magnum Hardened Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for use i
ES42H-2SLCL-Hi	Magnum Hardened Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for use i
ES42P-2SSCL-Pd	Magnum Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ES42P-2SSCL-Pi	Magnum Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Magnum Premium-rated power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42PR-1SLCL-24VDC	Dual-Homing Premium-rated Edge Switch with one SLCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45)
ESD42PR-2SLC-24VDC	Dual-Homing Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42PR-2SST-24VDC	Dual-Homing Premium-rated Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ES42H-2SFC-24VDC	Magnum Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2SLCL-24VDC	Magnum Hardened Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for use i
PES42H-2SSCL-48VDC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with two SSCL-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The
PES42P-1SLCL-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with one SLCL-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC t
PES42P-2SLC-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two SLC-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact industrial-grade metal package, rated for temperature un-controlled environments such as outdoors. All 4 PoE ports support Power Source per IEEE 802.3af standard. Metal panel mounting brackets included. DIN-Rail mounting hardware optional.
PES42P-2SST-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two Single Mode ST-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for po
6KQ-2SSCL	6KQ module, two 100Mb 40km single-mode SC fiber ports, slots B and/or D
6KQ-48VDC	Magnum 6KQ Configurable Managed Field Switch, base unit with -48VDC power supply and four 10/100 copper ports. May be factory-configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of 6KQ port modules
4K8-48V	Ethernet Switch with eight RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal -48VDC (36-70VDC) power supply, cooling fan, and metal brackets for rack-mounting. LEDs and the Ethernet ports are in the front, power input is in the rear.
CS14P-SLCL-24VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperatu
ES42HR-2SFC-24VDC	Magnum Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.
ES42HR-2SLCL-24VDC	Magnum Hardened Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for use i
ES42P-2SSCL-24VDC	Magnum Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42H-1SFC-48VDC	Dual-Homing Hardened Edge Switch with one SFC-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, in
ESD42H-2SFC-12VDC	Dual-Homing Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42H-2SSCL-48VDC	Dual-Homing Hardened Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-1SLCL-48VDC	Dual-Homing Premium-rated Edge Switch with one SLCL-type 100Mb fiber ports and five 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Ports 1 (fiber) and two (RJ-45)
ESD42P-2SLC-48VDC	Dual-Homing Premium-rated Edge Switch with two SLC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-2SSCL-12VDC	Dual-Homing Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 12VDC (range 8V to 15V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
ESD42P-2SST-48VDC	Dual-Homing Premium-rated Edge Switch with two SST-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
6KP3-1CU2FXT	Three-port one-slot Gigabit 6K module for Magnum 6K switches, uses one 6K slot and provides one Gigabit Copper (1000BASE-T) auto-negotiating port and two 100Mb ST Fiber FX multi-mode ports. Includes front-panel sheet metal cover.
6KP3R-1CU2FXT	Three-port one-slot Gigabit 6K module for 6K32R switches, uses one 6K slot and provides one Gigabit Copper (1000BASE-T) auto-negotiating port and two 100Mb ST Fiber FX multi-mode ports. Includes front-panel sheet metal cover.
ESD42H-2SFC-Hd	Dual-Homing Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-2SFC-Hi	Dual-Homing Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-25°C to +60°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42H-2SLCL-Hd	Dual-Homing Hardened Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing from a
ESD42H-2SLCL-Hi	Dual-Homing Hardened Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing from a

ESD42P-2SSCL-Pd	Dual-Homing Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
ESD42P-2SSCL-Pi	Dual-Homing Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Internal 12VDC (range 8V to 15V) power supply with extended temperature range (-40°C to +75°C). Includes external AC Hardened power supply into 12VDC jack. Supports dual source (DC and AC via jack) power input. Metal panel mounting brackets included.
CS14PR-SLCL-24VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature
ES42PR-2SSCL-24VDC	Magnum Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Model DIN-RAIL-MC2 bracket included.
ESD42H-2SFC-24VDC	Dual-Homing Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
PESD42H-2SSCL-48VDC	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with two SSCL-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The
PESD42P-1SLCL-48VDC	Dual-Homing Premium-rated PoE Power-Sourcing Edge Switch with one "SLCL"-type non-PoE 100Mb fiber port, four 10/100 RJ-45 PoE ports and one regular RJ-45 10/100 port with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC t
PESD42P-2SLC-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two "SLC"-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input
PESD42P-2SST-48VDC 6KM4-4SLCL	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two "SST"-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input 6KM fiber module, add four SFF 100Mb single-mode 40Km LC fiber ports in 6KM slot c
4K16-125V	Ethernet Switch with 16 RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Optional fiber ports may be configured, zero or one or two from the family of modules, to operate at 100Mb in place of the corresponding RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal 125VDC (120 to 160VDC) power supply, cooling fan, and metal brackets for 19" rack-mounting. LEDs and the Ethernet ports are in the front, power input is in the rear.
4K16R-48V	Reverse Ethernet Switch with 16 RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Optional fiber ports may be configured to operate at 100Mb in place of the corresponding RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal -48V DC power supply, cooling fan, and metal brackets for 19" rack-mounting. User ports and the power input connectors are in the rear, LEDs are in the front.
4K24C	Ethernet Switch with 24 RJ45 ports, each auto-sensing for 10/100Mb FDX / HDX operation. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal auto-ranging power supply, cooling fan, and metal brackets for 19" rack-mounting. LEDs and user ports are in the front, power input is in the rear.
4K24F	Ethernet Switch with 22 RJ45 ports, each auto-sensing for 10/100Mb FDX / HDX operation. Optional fiber ports may be configured to operate at 100Mb in place of two RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal auto-ranging power supply, cooling fan, and metal brackets for 19" rack-mounting. LEDs and user ports are in the front, power input is in the rear.
4K8-48V-switch	Ethernet Switch with eight RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal -48VDC (36-70VDC) power supply, cooling fan, and metal brackets for rack-mounting. LEDs and the Ethernet ports are in the front, power input is in the rear. Includes ON OFF switch.
CS14P-SLCL-48VDC	Magnum Premium-rated Converter Switch, one 100Mb single-mode LC long reach 40Km fiber port and two 10/100 RJ45 switch ports with auto-cross and auto-negotiating support. Two sets of LEDs for viewing from any direction. Compact package, rated for temperatu
CSG14H-ZX40-12VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal distance, 60km per
CSG14H-ZX40-48VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal distance, 60km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for -48VDC (range 30V to 60V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. DIN-Rail hardware optional.
ES42H-2SFC-48VDC	Magnum Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ES42H-2SLCL-48VDC	Magnum Hardened Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for use
ES42P-2SLCL-12VDC	Magnum Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for
ES42P-2SSCL-48VDC	Magnum Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. The two fiber ports support LLL for use in self-healing redundant LANs. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply (not included). Metal panel mounting brackets included.
ESD42HR-2SFC-24VDC	Dual-Homing Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-25°C to +60°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
ESD42P-2SSCL-24VDC 6KP8-45MT	Dual-Homing Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC is present jack for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
CSG14H-ZX40-Hd	4+4 module for Magnum 6K Switches, with four 10/100 RJ45 and four 100Mb 2km multi-mode FX MTRJ connectors Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal distance,
CSG14H-ZX40-Hi	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal distance,
ES42P-2SLCL-Pd	Magnum Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for
ES42P-2SLCL-Pi	Magnum Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for
ESD42PR-2SSCL-24VDC	Dual-Homing Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for 24VDC (range 18V to 36V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Model DIN-RAIL-MC2 bracket included.
CSG14H-ZX40-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal distance, 60km per
PES42H-2SLCL-48VDC	Magnum 6-port Hardened PoE Power-Sourcing Edge Switch with two SLCL-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The
PES42P-2SSCL-48VDC 6KQF-45LC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two Single Mode SC Long Reach-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal b 6KQ module, four 100Mb 20km single-m. SLC fiber ports, factory slot C fiber-only
ES42P-2SLCL-24VDC	Magnum Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for
ESD42H-2SFC-48VDC	Dual-Homing Hardened Edge Switch with two SFC-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, in
ESD42H-2SLCL-12VDC	Dual-Homing Hardened Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing from a
ESD42H-2SLCL-48VDC	Dual-Homing Hardened Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing from a
ESD42P-2SLCL-12VDC	Dual-Homing Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing f
ESD42P-2SSCL-48VDC	Dual-Homing Premium-rated Edge Switch with two SSCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring. Two sets of LEDs for viewing from any direction. Compact package, rated for temperature un-controlled environments such as outdoors. Terminal block for -48VDC (range 30V to 60V) power connection with extended temperature range (-40°C to +75°C). DC jack is present for alternate use of external AC to 12VDC power supply. Metal panel mounting brackets included.
4K8R-48V	Reverse Ethernet Switch with eight RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal -48VDC (36-70VDC) power supply, cooling fan, and metal brackets for rack-mounting. LEDs are in the front, power input and the Ethernet ports are in the rear.

5942D4HRT-H R	4 CHANNEL RS232 MM FO LINK 90-250Vac/Vdc POWER High Speed	
5942D4HRT-L R	4 CHANNEL RS232 MM FO LINK 24-48Vac/Vdc POWER High Speed	
5948C1HRT-H R	4 Port Fiber Uplink RS232 MM 90-250Vac/Vdc POWER	
5948C1HRT-L R	4 Port Fiber Uplink RS232 MM 24-48 Vdc POWER	
3344HRT R	10Base-T/-FL Link 1300nm SM 12Vdc POWER	EOL
CSG14HR-ZX40-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal distance, 60km per Power Budget. Two sets of LEDs for viewing from any direction. Compact package, industrial rated for factory floor environments. Internal terminal block for 24VDC (range 18V to 36V) power connection. No external AC power supply, but DC jack for alternate use of external AC to 12VDC power supply is present. Includes the Model DIN-RAIL MC2 bracket which is optional on other models. Magnum 6KQ Configurable Managed Field Switch, base unit with 125VDC (range 88 to 150VDC) power supply and four 10/100 copper ports. May be factory-configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of 6KQ port modules per the 6KQ Configuration Guide. 16 ports max. Heavy duty fully enclosed aluminum case designed with ribbed surface for max heat dissipation, used as a heat sink, rated IP52 for environmental protection, no fans. Dual LEDs for all-around status viewing. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. Wire speed filtering and forwarding across all ports. For licensed network management software information (MNS-6K, S-Ring, Dual-Homing, IGMP-L2, Security, etc.), see their respective data sheets.	
6KQ-125V	Magnum Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for	
ES42PR-2SLCL-24VDC	Three-port one-slot Gigabit 6K module for 6K8/6K16V switches, uses one 6K slot and provides one Gigabit Copper (1000BASE-T) auto-negotiating port and two 100Mb ST Fiber FX multi-mode ports. Includes front-panel sheet metal cover.	
6KP3V-1CU2FXT	Dual-Homing Hardened Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing from	
ESD42H-2SLCL-24VDC	6KL module, add four single-mode 40Km long-reach 100Mb LC fiber ports in 6KL slot C	
6KL4-4SLCL	6KL module, add four single-mode 40Km long-reach 100Mb SC fiber ports in 6KL slot C	
6KL4-4SSCL	Dual-Homing, Hardened PoE Power-Sourcing Edge Switch with two SLCL-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input. The	
PESD42H-2SLCL-48VDC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two "SSCL"-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input	
PESD42P-2SSCL-48VDC	Magnum Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. The two fiber ports support LLL for	
ES42P-2SLCL-48VDC	Dual-Homing Hardened Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing from a	
ESD42HR-2SLCL-24VDC	Dual-Homing Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing f	
ESD42P-2SLCL-24VDC	Reverse Ethernet Switch with 16 RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Optional fiber ports may be configured to operate at 100Mb in place of the corresponding RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal 125VDC (120 to 160 VDC) power supply, cooling fan, and metal brackets for 19" rack-mounting. User ports and the power input connectors are in the rear, LEDs are in the front.	
4K16R-125V	Reverse Ethernet Switch with 24 RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal auto-ranging power supply, cooling fan, and metal brackets for 19" rack-mounting. User ports and the power input connectors are in the rear, LEDs are in the front.	
4K24CR	Reverse Ethernet Switch with 22 RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Optional fiber ports may be configured to operate at 100Mb in place of the corresponding RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal auto-ranging power supply, cooling fan, and metal brackets for 19" rack-mounting. User ports and the power input connectors are in the rear, LEDs are in the front.	
4K24FR	Reverse Ethernet Switch with eight RJ45 ports, each auto-sensing for 10/ 100Mb FDX/HDX operation. Optional fiber port may be configured. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal -48VDC (36-70VDC) power supply, cooling fan, and metal brackets for rack-mounting. LEDs are in the front, power input and the Ethernet ports are in the rear. Includes ON OFF switch.	
4K8R-48V-Switch	Magnum 6KQE PoE Managed Edge Switch, base unit with four 10/100 copper ports. The four 10/100 ports are PoE-enabled, data pairs. 48VDC power supply. Up to 3 100Mb fiber ports or up to four more 10/100 copper ports data pairs (or combinations) may also be configured, and up to 2 Gb ports are optional. 10 ports max. Heavy duty metal case, IP52 for environmental protection, no fans. Dual LEDs for all-around status viewing. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring, etc.), see their respective data sheets.	
6KQEP-48V	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal dista	
CSG14P-ZX40-12VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal dista	
CSG14P-ZX40-Pd	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal dista	
CSG14P-ZX40-Pi	Dual-Homing Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing f	
ESD42PR-2SLCL-24VDC	4+4 module for 6Ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and four 100Mb 2km mm FX MTRJ connectors	
6KP8-45MT	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two SLCL-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input	
PES42P-2SLCL-48VDC	4+4 module for 6K16V/6K8 Switches, with four 10/100 RJ45 and four 100Mb 2km multi-mode FX MTRJ connectors	
6KP8V-45MT	Dual-Homing Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing f	
ESD42P-2SLCL-48VDC	4+4 module for 6Ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and four 100Mb 2km mm FX MTRJ connectors	
6KP8V-45SMT	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal dista	
CSG14P-ZX40-24VDC	Dual-Homing Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing f	
ESD42P-2SLCL-Pd	Dual-Homing Premium-rated Edge Switch with two SLCL-type 100Mb fiber ports and four 10/100 RJ-45 switch ports with auto-cross and auto-negotiating support. Single-mode LC long reach 40Km. Alarm contact for power monitoring. Two sets of LEDs for viewing f	
ESD42P-2SLCL-Pi	6KQE configuration, add two 10/100 copper and two 100Mb single-mode 40Km LC fiber ports in 6KQE slot C	
6KQE4-2SLCL	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal dista	
CSG14PR-ZX40-24VDC	Magnum 6KQ Configurable Managed Field Switch, base unit with 250VDC (range 88 to 250VDC) power supply and four 10/100 copper ports. May be factory-configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of 6KQ port modules per the 6KQ Configuration Guide. 16 ports max. Heavy duty fully enclosed aluminum case designed with ribbed surface for max heat dissipation, used as a heat sink, rated IP52 for environmental protection, no fans. Dual LEDs for all-around status viewing. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. Wire speed filtering and forwarding across all ports. For licensed network management software information (MNS-6K, S-Ring, Dual-porting, IGMP-L2, Security, etc.), see their respective data sheets.	
6KQ-250V	6KQ module, four 100Mb 20km single-mode LC fiber ports, slots B and/or D	
6KQ4-SLC	Magnum 6-port Premium-rated PoE Power-Sourcing Edge Switch with two "SLCL"-type non-PoE 100Mb fiber ports and four 10/100 RJ-45 PoE ports with auto-cross and auto-negotiating support. Alarm contact for power monitoring, 48VDC terminal block for power input	
PESD42P-2SLCL-48VDC	Ethernet Switch with 24 RJ45 ports, each auto-sensing for 10 / 100Mb FDX / HDX operation. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal -48V DC power supply, cooling fan, and metal brackets for 19" rack-mounting. LEDs and user ports are in the front, power input is in the rear.	
4K24C-48V	Ethernet Switch with 22 RJ45 ports, each auto-sensing for 10 / 100Mb FDX / HDX operation. Optional fiber ports may be configured to operate at 100Mb in place of two RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal -48V DC (36-70VDC) power supply, cooling fan, and metal brackets for 19" rack-mounting. LEDs and the Ethernet ports are in the front, power input is in the rear.	
4K24F-48V	Fiber module w/ four 100Mb 20km single-mode FX LC ports	
10K4-SLC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX40 single-mode port with LC-type connector, 1550nm wavelength, 40km nominal dista	
CSG14P-ZX40-48VDC	100FX Fiber Optic SFP transceiver for Magnum 12KX, 20km with 9u singlemode, LC socket, -40 ºC to +85 ºC. Type A/B kit	
SFP12KX-BIDI-AB-20	Network Design and Consultation: - Network design and network planning - Network device and component selection - Network security design and validation - System configuration, device programming, and maintenance and network management planning - Network Commissioning and Validation	
NETCONSUL	6+2 module for Magnum 6K Switches, with six 10/100 RJ45 and two 100Mb 20km single mode FX LC connectors	
6KP8-45-2SLC	4+4 module for Magnum 6K Switches, with four 10/100 RJ45 and four 100Mb 2km multi-mode FX LC connectors	
6KP8-45MLC	Magnum 6KQ Configurable Managed Field Switch, base unit with -48VDC power supply and four 10/100 copper ports are PoE-enabled, data pairs. May be factory-configured with a variety of 10/100/1000 Mb fiber and copper port connector types via selection from a family of 6KQ port modules per the 6KQ Configuration Guide. 16 ports max. Heavy duty fully enclosed aluminum case designed with ribbed surface for max heat dissipation, used as a heat sink, rated IP52 for environmental protection, no fans. Dual LEDs for all-around status viewing. Includes two Alarm Contacts (1 PWR, 1 software controlled), metal bracket for vertical wall or panel mounting, DIN-Rail optional. Wire speed filtering and forwarding across all ports. For licensed network management software information (MNS-6K, S-Ring, Dual-Homing, IGMP-L2, Security, etc.), see their respective data sheets.	
6KQP-48V	6KQE configuration, add one 10/100 copper and three 100Mb single-mode 20Km LC fiber ports in 6KQE slot C	
6KQE4-3SLC	Gig Fiber Module for 6KM with two Gb LC sm 40Km fiber ports in 6KM slot B only	
6KM-2GSLCL	Fiber module with two 100Mb 40Km long reach single-mode FUS3 connectors	
FKM-2SSCL		



	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940EFXH-XXXX-XXX-XXX	MNS-DX licensed software included with each DX base unit.
DX940EFLX-XXXX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. MNS-DX licensed software included with each DX base unit.
DX940ETXH-XXXX-XXX-XXX	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled. MNS-DX licensed software included with each DX base unit.
DX940ETXL-XXXX-XXX-XXX	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. MNS-DX licensed software included with each DX base unit.
SFP-ZX70	Gig Fiber Optic SFP transceiver, 1000Mb 2X, 1550nm wavelength, 70km distance
10K4-SLCL	Fiber module w/ four 100Mb 40km single-mode FX LC ports
4K24C-125V	Ethernet Switch with 24 RJ45 ports, each auto-sensing for 10 / 100Mb FDX / HDX operation. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal 125VDC (120 to 160VDC) power supply, cooling fan, and metal brackets for 19" rack-mounting. LEDs and user ports are in the front, power input is in the rear.
4K24C-48V	Reverse Ethernet Switch with 24 RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal -48V DC power supply, cooling fan, and metal brackets for 19" rack-mounting. User ports and the power input connectors are in the rear, LEDs are in the front.
4K24F-125V	Ethernet Switch with 22 RJ45 ports, each auto-sensing for 10 / 100Mb FDX / HDX operation. Optional fiber ports may be configured to operate at 100Mb in place of two RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal 125VDC (120 to 160VDC) power supply, cooling fan, and metal brackets for 19" rack-mounting. LEDs and the Ethernet ports are in the front, power input is in the rear.
4K24F-48V	Reverse Ethernet Switch with 22 RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Optional fiber ports may be configured to operate at 100Mb in place of the corresponding RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal -48V DC power supply, cooling fan, and metal brackets for 19" rack-mounting. User ports and the power input connectors are in the rear, LEDs are in the front.
10KT-AC	Magnum 10KT Managed Switch, front-mount, with integral auto-sensing worldwide AC power type (100-240V AC) using a UL-registered recessed-male IEC 320 plug. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Fan-cooled chassis. metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KT-HSPHH	Magnum 10KT Managed Switch chassis, front-mount, with two 90-250V AC/DC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KT-HSPHL	Magnum 10KT Managed Switch, front-mount, with two hot-swap power supply slots, one 90-250V AC/DC and one 24-48VDC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KT-HSPLL	Magnum 10KT Managed Switch, front-mount, with two 24-48VDC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
CSG14H-ZX70-12VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal distance, 90km per
CSG14H-ZX70-Hd	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal distance,
CSG14H-ZX70-Hi	Hardened Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal distance,
6KP6R-RISSC	4+2 module for Magnum 6K switches, with four 10/100 RJ45 and two 100Mb 20km single-mode FX SC connectors
6KP6-RISSC	4+2 module for Magnum 6K switches, with four 10/100 RJ45 and two 100Mb 20km single-mode FX SC connectors
6KP7-1G2RJ4MLC	1 Gb SFP + 2 TP and 4 MLC fiber module for 6K switches. Provides one SFP open transceiver port for a user-selectable SFP Transceiver module and two 10/100Mb auto-negotiating auto-cross RJ-45 ports and four 100Mb 2km mm FX LC ports. Includes front-panel sh
6KP7-1G2RJ4MT	1 Gb SFP + 2 TP and 4 MTRJ fiber module for 6K switches. Provides one SFP open transceiver port for a user-selectable SFP Transceiver module and two 10/100Mb auto-negotiating auto-cross RJ-45 ports and four 100Mb 2km mm FX LC ports. Includes front-panel s
6KP8-MTRJ	SFF fiber module for Magnum 6K Switches, with eight 100Mb 2km multi-mode FX MT-RJ connectors
6KP8-45-2SLC	6+2 module for 6Ks with 48VDC PS, w/ 4 PoE Power Source 10/100 RJ-45 and two 10/100 RJ-45 and two 100Mb 20km sgl.m FX LC connectors
6KP8-45MLC	4+4 module for 6Ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and four 100Mb 2km mm FX LC connectors
10KT-L	Magnum 10KT Managed Switch, front-mount, with integral 24/48VDC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTR-AC	Magnum 10KT Managed Switch, Reverse-mount (All cables are in the rear), with integral auto-sensing worldwide AC power type (100-240V AC) using a UL-registered recessed-male IEC 320 plug. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Fan-cooled chassis. metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
CSG14H-ZX70-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal distance, 90km per
6KP7R-1G2RJ4MLC	1 Gb SFP + 2 TP and 4 MLC fiber module for 6K "V" switches. Provides one SFP open transceiver port for a user-selectable SFP Transceiver module and two 10/100Mb auto-negotiating auto-cross RJ-45 ports and four 100Mb 2km mm FX LC ports. Includes front-panel sheet metal cover.
6KP7V-1G2RJ4MT	1 Gb SFP + 2 TP and 4 MTRJ fiber module for 6K switches. Provides one SFP open transceiver port for a user-selectable SFP Transceiver module and two 10/100Mb auto-negotiating auto-cross RJ-45 ports and four 100Mb 2km mm FX LC ports. Includes front-panel s
6KP8V-45-2SLC	6+2 module for 6Ks with 48VDC PS, w/ 4 PoE Power Source 10/100 RJ-45 and two 10/100 RJ-45 and two 100Mb 20km sgl.m FX LC connectors
6KP8V-45MLC	4+4 module for 6Ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and four 100Mb 2km mm FX LC connectors
6KP8V-45-2SLC	6+2 module for 6K16V/6K8 Switches, with six 10/100 RJ45 and two 100Mb 20km single mode FX LC connectors
6KP8V-45MLC	4+4 module for 6K16V/6K8 Switches, with four 10/100 RJ45 and four 100Mb 2km multi-mode FX LC connectors
CSG14HR-ZX70-24VDC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal distance, 90km per
4K24C-125V	Reverse Ethernet Switch with 24 RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal 125VDC (120 to 160VDC) power supply, cooling fan, and metal brackets for 19" rack-mounting. User ports and the power input connectors are in the rear, LEDs are in the front.
4K24C-48V	Reverse Ethernet Switch with 22 RJ45 ports, each auto-sensing for 10/100Mb FDX/HDX operation. Optional fiber ports may be configured to operate at 100Mb in place of the corresponding RJ45 ports. User-selected fiber port connector types. Each port is switched and provides a full-speed traffic domain with non-blocking performance. Includes internal 125VDC (120 to 160VDC) power supply, cooling fan, and metal brackets for 19" rack-mounting. User ports and the power input connectors are in the rear, LEDs are in the front.
4K24F-125V	Magnum 10KT Managed Switch chassis, Reverse-mount (All signal and power cables are in the rear), with two 90-250V AC/DC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTR-HSPHH	Magnum 10KT Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two hot-swap power supply slots, one 90-250V AC/DC and one 24-48VDC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTR-HSPHL	Magnum 10KT Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two 24-48VDC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTR-HSPLL	Magnum 10KT Managed Switch, Reverse-mount (All cables are in the rear), with integral 24/48VDC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTR-L	Fiber module w/ four 100Mb 20km single-mode FX LC ports. Each port supports IEEE 1588
10KAT-SLCL	Magnum 10K Managed Switch, front-mount, with integral auto-sensing worldwide AC power type (100-240V AC) using a UL-registered recessed-male IEC 320 plug. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Fan-cooled chassis. metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KG-AC	Hardened Gb Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal distance, 90km per
CSG14H-ZX70-48VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal dista
CSG14P-ZX70-12VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal dista
CSG14P-ZX70-Pd	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal dista
CSG14P-ZX70-Pi	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal dista

	Magnum 10KT Managed Switch, front-mount, with integral 90-250V AC/DC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KT-H	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled.	
DX940EFXH-XXXX-XXX-XXX	MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.	
DX940EFLX-XXXX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled.	
DX940EFLX-XXXX-XXX-XXX	licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.	
DX940EOTXH-XXXX-XXX-XXX	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled.	
DX940EOTXH-XXXX-XXX-XXX	controlled. MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.	
DX940EOTXH-XXXX-XXX-XXX	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled.	
DX940EOTXH-XXXX-XXX-XXX	MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.	
10KG-HSPHH	Magnum 10KG Managed Switch chassis, front-mount, with two 90-250V AC/DC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KG-HSPHL	Magnum 10KG Managed Switch, front-mount, with two hot-swap power supply slots, one 90-250V AC/DC and one 24-48VDC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KG-HSPLL	Magnum 10KG Managed Switch, front-mount, with two 24-48VDC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KG-L	Magnum 10KG Managed Switch, front-mount, with integral 24/48VDC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGR-AC	Magnum 10KT Managed Switch, Reverse-mount (All cables are in the rear), with integral auto-sensing worldwide AC power type (100-240V AC) using a UL-registered recessed-male IEC 320 plug. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Fan-cooled chassis. metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
MNS-12KS-L3-LIC	MNS-12KS licensed Layer 3 software for use on one Magnum 12KX Switch. License cost included with each Magnum 12KX Switch base unit that is factory configured for Layer 3 Switch operation. Provides Layer 2 software features plus additional Layer 3 features, including full wire-speed IPv4 routing with low latency Multi-netting (Aliasing), Net-directed broadcasts, QoS 8 classes, Port-based Router interfaces, Proxy ARP, Static routing with ECMP (Equal Cost Multiple Path), VLAN-based router interfaces, CIDR (Classless Inter-Domain Routing), ICMP Router Discovery (IRDP), Double VLAN Tagging, Protocol-based VLANs Multicast Routing (DVMRP, IGMPPv1/v2/v3, Multicast routing and IGMP Unknown Multicast Filtering, PIM-DM), Router Redundancy (VRRP, VRRP tracking, Interface Tracking), OSPFv2, Ping Tracking, RIPv1, RIPv2, and Tracking of static routes.	
P6KP6-RJSSC	4+2 module for 6Ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and two 100Mb 20km sgl.m FX SC connectors	
3354HRT-H R	10Base-T/-FL Link 1300nm SM 90-250VAc/Vdc POWER	EOL
3354HRT-L R	10Base-T/-FL Link 1300nm SM 24-48 Vdc POWER	EOL
3444HRT R	100Base-TX/-FL Link 1300nm SM 12Vdc POWER	EOL
CSG14P-ZX70-24VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal dista	
P6KP6V-RJSSC	4+2 module for 6Ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and two 100Mb 20km sgl.m FX SC connectors	
DX940EFXH-XXXX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled.	
DX940EFLX-XXXX-XXX-XXX	MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 8 mil thickness.	
DX940EFLX-XXXX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled.	
DX940EOTXH-XXXX-XXX-XXX	licensed software included with each DX base unit. Conformal coating, silicone at 8 mil thickness.	
DX940EOTXH-XXXX-XXX-XXX	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled.	
DX940EOTXH-XXXX-XXX-XXX	controlled. MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 8 mil thickness.	
DX940EOTXH-XXXX-XXX-XXX	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled.	
DX940EOTXH-XXXX-XXX-XXX	MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 8 mil thickness.	
10KT-AC-TF	Magnum 10KT Managed Switch, front-mount, with integral auto-sensing worldwide AC power type (100-240V AC) using a UL-registered recessed-male IEC 320 plug. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Fan-cooled chassis. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KT-HSPHH-TF	Magnum 10KT Managed Switch, front-mount, with two 90-250V AC/DC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KT-HSPHL-TF	Magnum 10KT Managed Switch, front-mount, with two hot-swap power supply slots, one 90-250V AC/DC and one 24-48VDC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KT-HSPLL-TF	Magnum 10KT Managed Switch, front-mount, with two 24-48VDC hot-swap power supply slots. Supports PoE - choose PoE module(s) separately. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KTP-HSPLL	Magnum 10KT Managed Switch, Reverse-mount (All cables are in the rear), with integral 90-250V AC/DC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KTR-H	software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
6KP6V-RJSSC	4+2 module for 6K16V/6K8 Switches, with four 10/100 RJ45 and two 100Mb 20km sgl.m FX SC connectors	
6KP8V-MTRJ	SFF fiber module for 6K16V/6K8 Switches, with eight 100Mb 2km multi-mode FX MT-RJ connectors	
CSG14PR-ZX70-24VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal dista	
10K4T-SLCL	Fiber module w/ four 100Mb 40km single-mode FX LC ports Each port supports IEEE 1588	
10KGR-HSPHH	Magnum 10KG Managed Switch chassis, Reverse-mount (All signal and power cables are in the rear), with two 90-250V AC/DC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGR-HSPHL	Magnum 10KG Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two hot-swap power supply slots, one 90-250V AC/DC and one 24-48VDC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGR-HSPLL	Magnum 10KG Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two 24-48VDC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGR-L	Magnum 10KG Managed Switch, Reverse-mount (All cables are in the rear), with integral 24/48VDC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
CSG14P-ZX70-48VDC	Premium-rated Gb Ethernet Converter Switch with one Gb fiber port and two triple-speed 10/100/1000 RJ-45 switch ports with auto-cross and auto-negotiation. Includes 1000Mb ZX70 single-mode port with LC-type connector, 1550nm wavelength, 70km nominal dista	
10KT-L-TF	Magnum 10KT Managed Switch, front-mount, with integral 24/48VDC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KTP-L	Magnum 10KT Managed Switch, front-mount, with integral 24/48VDC Power Supply. Supports PoE - choose PoE module(s) separately 10K4P-RJ45. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	

10KTR-HSPLL	Magnum 10KT Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two 24-48VDC hot-swap power supply slots. Supports PoE - choose PoE module(s) separately. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTR-AC-TF	Magnum 10KT Managed Switch, Reverse-mount (All cables are in the rear), with integral auto-sensing worldwide AC power type (100-240V AC) using a UL-registered recessed-male IEC 320 plug. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Fan-cooled chassis. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
DX940EFXH-XXXX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940EFLX-XXXX-XXX-XXX	MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.
DX940EFLX-XXXX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940ETXH-XXXX-XXX-XXX	SECURE software licensed for use on one Magnum DX includes extra security features.
DX940EFLX-XXXX-XXX-XXX	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940ETXH-XXXX-XXX-XXX	MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.
DX940EFLX-XXXX-XXX-XXX	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940ETXL-XXXX-XXX-XXX	MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.
10KG-H	Magnum 10KG Managed Switch, front-mount, with integral 90-250V AC/DC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
DX940EFXH-2GSX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940EFXH-XXXX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940EFXH-XXXX-XXX-XXX	Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX licensed software included with each DX base unit.
DX940EFLX-2GSX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940EFLX-XXXX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX licensed software included with each DX base unit.
DX940ETXH-XXXX-XXX-XXX	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940ETXH-XXXX-XXX-XXX	Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. MNS-DX licensed software included with each DX base unit.
DX940EFLX-2GSX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940EFLX-XXXX-XXX-XXX	Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX licensed software included with each DX base unit.
DX940ETXH-XXXX-XXX-XXX	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940EFLX-2GSX-XXX-XXX	Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. MNS-DX licensed software included with each DX base unit.
DX940EFLX-XXXX-XXX-XXX	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled.
DX940ETXH-XXXX-XXX-XXX	Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX licensed software included with each DX base unit.
6KP8-MLC	SFP Fiber module for Magnum 6K Switches, with eight 100Mb 2km multi-mode FX LC connectors
OS9HRT-H-9M R	Optical Star 9 MM 90-250Vac/Vdc POWER
OS9HRT-L-9M R	Optical Star 9 MM 24-48 Vdc POWER
10KT-HH	Magnum 10KT Managed Switch, front-mount, two fixed integral 90-250V AC/DC power supplies. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.
10KT-HL	Magnum 10KT Managed Switch, front-mount, two fixed integral power supplies, one two fixed integral 24/48VDC, one 90-250 AC/DC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.
10KT-LL	Magnum 10KT Managed Switch, front-mount, two fixed integral 24/48VDC power supplies. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.
10KTPR-L	Magnum 10KT Managed Switch, Reverse-mount (All signal and power cables are in the rear), with integral 24/48VDC Power Supply. Supports PoE - choose PoE module(s) separately 10K4P-RJ45. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTR-HSPHH-TF	Magnum 10KT Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two 90-250V AC/DC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTR-HSPHL-TF	Magnum 10KT Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two hot-swap power supply slots, one 90-250V AC/DC and one 24-48VDC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTR-HSPLL-TF	Magnum 10KT Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two 24-48VDC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTR-L-TF	Magnum 10KT Managed Switch, Reverse-mount (All cables are in the rear), with integral 24/48VDC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KG-AC-TF	Magnum 10KG Managed Switch, front-mount, with integral auto-sensing worldwide AC power type (100-240V AC) using a UL-registered recessed-male IEC 320 plug. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Fan-cooled chassis. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KGR-H	Magnum 10KG Managed Switch, Reverse-mount (All cables are in the rear), with integral 90-250V AC/DC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KG-HSPHH-TF	Magnum 10KG Managed Switch, front-mount, with two 90-250V AC/DC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KG-HSPHL-TF	Magnum 10KG Managed Switch, front-mount, with two hot-swap power supply slots, one 90-250V AC/DC and one 24-48VDC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KG-HSPLL-TF	Magnum 10KG Managed Switch, front-mount, with two 24-48VDC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KG-HSPLL-TF	Magnum 10KG Managed Switch, front-mount, with two 24-48VDC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.

10KG-L-TF	Magnum 10KG Managed Switch, front-mount, with integral 24/48VDC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGP-HSPLL	Magnum 10KG Managed Switch, front-mount, with two 24-48VDC hot-swap power supply slots. Supports PoE - choose PoE module(s) separately 10K4PX-RJ45 supports PoE plus. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. One Form C alarm with NC/NO, software controllable, metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGP-L	Magnum 10KG Managed Switch, front-mount, with integral 24/48VDC Power Supply. Supports PoE - choose PoE module(s) separately 10K4PX-RJ45 supports PoE plus. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Optional fan-cooling may be added for maximum fiber port count. One Form C alarm with NC/NO, software controllable, metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGR-AC-TF	Magnum 10KG Managed Switch, Reverse-mount (All cables are in the rear), with integral auto-sensing worldwide AC power type (100-240V AC) using a UL-registered recessed-male IEC 320 plug. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Fan-cooled chassis. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KT-H-TF	Magnum 10KT Managed Switch, front-mount, with integral 90-250V AC/DC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KTR-HH	Magnum 10KT Managed Switch, Reverse-mount (All cables are in the rear), with dual fixed integral 90-250V AC/DC power supplies. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.	
10KTR-HL	Magnum 10KT Managed Switch, Reverse-mount (All cables are in the rear), with two fixed integral power supplies, one 90-250V AC/DC, one 24/48VDC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.	
10KTR-LL 6KQE4-3SLCL 3454HRT-H R 3454HRT-L R	Magnum 10KT Managed Switch, Reverse-mount (All cables are in the rear), with two fixed integral 24/48VDC power supplies. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN. 6KQE configuration, add one 10/100 copper and three 100Mb single-mode 40km LC fiber ports in 6KQE slot C 100Base-TX/-FX Link 1300nm SM 90-250V ac/Vdc POWER 100Base-TX/-FX Link 1300nm SM 24-48 Vdc POWER	EOL EOL
SFP12KX-BIDI-A-70	100FX Fiber Optic SFP transceiver for Magnum 12KX, 70km with 9u singlemode long haul, LC socket, -40 °C to +85 °C. Requires SFP12KX-BIDI-B-70 on opposite end of fiber	
SFP12KX-BIDI-B-70	100FX Fiber Optic SFP transceiver for Magnum 12KX, 70km with 9u singlemode long haul, LC socket, -40 °C to +85 °C. Requires SFP12KX-BIDI-A-70 on opposite end of fiber	
10KG-HH	Magnum 10KG Managed Switch, front-mount, with two fixed integral 90-250V AC/DC power supplies. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.	
10KG-HL	Magnum 10KG Managed Switch, front-mount, with two fixed integral power supplies, one 90-250V AC/DC, one 24/48VDC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.	
10KG-LL	Magnum 10KG Managed Switch, front-mount, with two fixed integral 24/48VDC power supplies. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.	
10KGPR-HSPLL	Magnum 10KG Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two 24-48VDC hot-swap power supply slots. Supports PoE - choose PoE module(s) separately 10K4PX-RJ45 supports PoE plus. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. One Form C alarm with NC/NO, software controllable, metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGPR-L	Magnum 10KG Managed Switch, Reverse-mount (All signal and power cables are in the rear), with integral 24/48VDC Power Supply. Supports PoE - choose PoE module(s) separately 10K4PX-RJ45 supports PoE plus. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Optional fan-cooling may be added for maximum fiber port count. One Form C alarm with NC/NO, software controllable, metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGR-HSPHH-TF	Magnum 10KG Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two 90-250V AC/DC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGR-HSPHL-TF	Magnum 10KG Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two hot-swap power supply slots, one 90-250V AC/DC and one 24-48VDC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGR-HSPLL-TF	Magnum 10KG Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two 24-48VDC hot-swap power supply slots. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KGR-L-TF	Magnum 10KT Managed Switch, front-mount, with two 24-48VDC hot-swap power supply slots. Supports PoE - choose PoE module(s) separately. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KTP-HSPLL-TF	Magnum 10KT Managed Switch, front-mount, with two 24-48VDC hot-swap power supply slots. Supports PoE - choose PoE module(s) separately. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
10KTP-LL	Magnum 10KT Managed Switch, Reverse-mount (All cables are in the rear), with integral 90-250V AC/DC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.	
10KTR-H-TF	Magnum 10KT Managed Switch, Reverse-mount (All cables are in the rear), with integral 24/48VDC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.	
DX940EFXH-XXXX-XXX-XXX	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled.	
DX940EFX-XXXX-XXX-XXX	MNS-DX-ADVANCED Advanced Routing software. Includes routing protocols such as BGP and OSPF.	
DX940E	DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled.	MNS-DX-
DX940EFL-XXXX-XXX-XXX	ADVANCED Advanced Routing software. Includes routing protocols such as BGP and OSPF.	
DX940E	DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled.	
DX940ETXH-XXXX-XXX-XXX	MNS-DX-ADVANCED Advanced Routing software. Includes routing protocols such as BGP and OSPF.	

DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. DX940ETXL-XXXX-XXX-XXX MNS-DX-ADVANCED Routing software. Includes routing protocols such as BGP and OSPF. PK6P6V-RJSSCL 4+2 module for 6Ks with 48VDC PS, w/ four PoE Power Source 100/100 RJ-45 and two 100Mb 40km sgl.m FX SC connectors
DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. DX940EFXH-XXXX-XXX-XXX MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 5 mil thickness.
DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 5 mil thickness.
DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 5 mil thickness.
DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 5 mil thickness. Magnum 10KG Managed Switch, front-mount, with integral 90-250V AC/DC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KG-H-TF
Magnum 10KG Managed Switch, Reverse-mount (All cables are in the rear), with two fixed integral 90-250V AC/DC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.
10KGR-HH
Magnum 10KG Managed Switch, Reverse-mount (All cables are in the rear), two fixed integral power supplies, one 90-250V AC/DC, one 24/48VDC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.
10KGR-HL
Magnum 10KG Managed Switch, Reverse-mount (All cables are in the rear), two fixed integral 24/48VDC power supplies. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.
10KGR-LL
Magnum 10KT Managed Switch, front-mount, with integral 24/48VDC Power Supply. Supports PoE - choose PoE module(s) separately 10K4P-RJ45. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTP-L-TF
Magnum 10KT Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two 24-48VDC hot-swap power supply slots. Supports PoE - choose PoE module(s) separately. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software-controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KTPR-HSPLL-TF
Magnum 10KT Managed Switch, Reverse-mount (All signal and power cables are in the rear), with two integral 24/48VDC power supplies. Supports PoE - choose PoE module(s) separately 10K4P-RJ45. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.
10KTPR-LL
DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.
DX940EFXH-2GSX-XXX-XXX
DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.
DX940EFXH-XXXX-XXX-XXX
DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.
DX940EFLX-2GSX-XXX-XXX
DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.
DX940EFLX-XXXX-XXX-XXX
DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.
DX940ETXH-2GSX-XXX-XXX
DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.
DX940ETXH-XXXX-XXX-XXX
DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.
DX940ETXL-2GSX-XXX-XXX
DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX licensed software included with each DX base unit. Conformal coating, silicone at 5 mil thickness.
DX940ETXL-XXXX-XXX-XXX
OS9HRT-H-CM R Optical Star 1 RS232 Copper/8 MM 90-250Vac/Vdc POWER OS9HRT-L-CM R Optical Star 1 RS232 Copper/8 MM 24-48 Vdc POWER 6KPBV-MLC SFF Fiber module for 6K16V/6K8 Switches, with eight 100Mb 2km multi-mode FX LC connectors
DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 8 mil thickness.
DX940EFXH-XXXX-XXX-XXX
DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 8 mil thickness.
DX940EFLX-XXXX-XXX-XXX
DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 8 mil thickness.
DX940ETXH-XXXX-XXX-XXX
DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 8 mil thickness. 100FX Fiber Optic SFP transceiver for Magnum 12KX, LC socket, rated -40 to 85°C, single-mode, 100Km distance. Gig Fiber Optic SFP transceiver for Magnum 12KX, LC socket, rated -40 to 85°C, 1000Mb ZX, 1550nm wavelength, 70km distance.
DX940ETXL-XXXX-XXX-XXX SFP12XK-FXSM100 SFP12XK-ZX70
Magnum 10KG Managed Switch, front-mount, with two integral 24/48VDC power supplies. Supports PoE - choose PoE module(s) separately 10K4PX-RJ45 supports PoE plus. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. One Form C alarm with NC/NO, software controllable, metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.
10KGP-LL
Magnum 10KG Managed Switch, Reverse-mount (All cables are in the rear), with integral 90-250V AC/DC Power Supply. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10-series. Configure up to 24 ports in a mix of eight possible Gb and 16 possible 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Optional fan-cooling may be added for maximum fiber port count. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets.
10KGR-H-TF
Magnum 10KT Managed Switch, front-mount, two fixed integral 90-250V AC/DC power supplies. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.
10KT-HH-TF
Magnum 10KT Managed Switch, front-mount, two fixed integral power supplies, one two fixed integral 24/48VDC, one 90-250 AC/DC. May be factory-configured with a variety of fiber and copper port modules selected designed specifically for the 10KT-series. Configure up to 36 ports in a mix of Gb and 100Mb. Heavy-duty case with thermal fins for maximum convection cooling efficiency in a rack-mount setting. Includes two Alarm Contacts (one PWR, one software controlled), metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), see their respective data sheets. Units with two fixed power supplies do not accept fan option of KT-RFAN.
10KT-HL-TF















DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-SECURE and MNS-DX-ADVANCED ROUTING software licenses for advanced routing and extra security features.

DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. MNS-DX-SECURE and MNS-DX-ADVANCED ROUTING software licenses for advanced routing and extra security features.

DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-SECURE and MNS-DX-ADVANCED ROUTING software licenses for advanced routing and extra security features.

MNS-DX-SECURE, key-enabled licensed software, for use on Magnum DX or 10-series Family of Configurable Industrial Routers. "LIC10X" key is a license for use on TEN (10) DX Router base units. Includes all the features of MNS-DX. MNS-DX-SECURE adds extra security features such as login banner message, stateful firewall, RADIUS authentication for access into the Dx router, and syslog capabilities.

MNS-DX-SECURE-LIC10X 4+4 module for 6Ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and four 100Mb 20km sgl.m FX LC connectors

P6KP8-45SLC 4+4 module for 6Ks with 48VDC PS, w/ four PoE Power Source 10/100 RJ-45 and four 100Mb 20km sgl.m FX LC connectors

P6KP8V-45SLC

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-ADVANCED ROUTING software. Includes routing protocols such as BGP and OSPF.

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-ADVANCED ROUTING software. Includes routing protocols such as BGP and OSPF.

DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-ADVANCED ROUTING software. Includes routing protocols such as BGP and OSPF.

DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-ADVANCED ROUTING software. Includes routing protocols such as BGP and OSPF.

1 Gb SFP + 2 TP and 4 SLC fiber module for 6K "V" switches. Provides one SFP open transceiver port for a user-selectable SFP Transceiver module and two 10/100Mb auto-negotiating auto-cross RJ-45 ports and four 100Mb 20km single-mode FX LC ports. Includes

6KP7V-1G2RJ45LC

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 5 mil thickness.

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 5 mil thickness.

DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 5 mil thickness.

DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features. Conformal coating, silicone at 5 mil thickness.

DX940EFXH-XXXX-CEL-AEM-XX-SE-XX

DX940EFXH-XXXX-CEL-APC-XX-SE-XX

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. One 4G/LTE wireless port in Slot C. ATT certified cellular modem. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. One 4G/LTE wireless port in Slot C. Modem capable of Rest of World Operation MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940EFXH-XXXX-CEL-ROV features.

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. One 4G/LTE wireless port in Slot C. Verizon certified cellular modem. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. One T1/E1 port in Slot C. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940EFXH-XXXX-CEL-AEM-XX-SE-XX

DX940EFXH-XXXX-CEL-APC-XX-SE-XX

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. One 4G/LTE wireless port in Slot C. ATT certified cellular modem. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. One 4G/LTE wireless port in Slot C. Modem capable of Rest of World Operation MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940EFXH-XXXX-CEL-ROV features.

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. One 4G/LTE wireless port in Slot C. Verizon certified cellular modem. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 24 - 48VDC power supply, panel mounting. Two Alarm Contacts, software controlled. One T1/E1 port in Slot C. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940EFXH-XXXX-CEL-AEM-XX-SE-XX

DX940EFXH-XXXX-CEL-APC-XX-SE-XX

DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 90 - 250 VDC/AC power supply, panel mounting. Two Alarm Contacts, software controlled. One 4G/LTE wireless port in Slot C. ATT certified cellular modem. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. One 4G/LTE wireless port in Slot C. Modem capable of Rest of World Operation MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940ETXL-XXXX-CEL-ROV features.

DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. One 4G/LTE wireless port in Slot C. Verizon certified cellular modem. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. One T1/E1 port in Slot C. MNS-DX-SECURE software licensed for use on one Magnum DX includes extra security features.

DX940EFXH-XXXX-CEL-AEM-XX-SE-XX

DX940EFXH-XXXX-CEL-APC-XX-SE-XX

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. One 4G/LTE wireless port in Slot C. ATT certified cellular modem. MNS-DX licensed software included with each DX base unit.

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. One 4G/LTE wireless port in Slot C. Modem capable of Rest of World Operation MNS-DX licensed software included with each DX base unit.

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. One 4G/LTE wireless port in Slot C. Verizon certified cellular modem. MNS-DX licensed software included with each DX base unit.

DX940e base unit with four SFP 1000Mb Ethernet ports in slot B. Includes 90 - 250V DC / AC power supply, panel mounting. Two Alarm Contacts, software controlled. Two SFP pluggable ports for user-selectable SFP Gig transceivers in DX940e slot A. One T1/E1 port in Slot C. MNS-DX licensed software included with each DX base unit.













































































































































































































































































	<p>DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Two auto-negotiating 10/100/1000 Mb copper ports slot A. One 4G/LTE wireless port and one T1/E1 port in Slot C. Modem capable of Rest of World Operation Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-SECURE and MNS-DX-ADVAVR software licenses for advanced routing and extra security features. Conformal coating, silicone at 8 mil thickness.</p> <p>DX940e base unit with four RJ45 10/100/1000Mb Ethernet ports in slot B. Includes 24 - 48 VDC power supply, panel mounting. Two Alarm Contacts, software controlled. Two auto-negotiating 10/100/1000 Mb copper ports slot A. One 4G/LTE wireless port and one T1/E1 port in Slot C. Verizon certified cellular modem. Four (4) Serial ports module in slot D. Each serial port is RS232 / RS485, software selectable by the user at system initialization. MNS-DX-SECURE and MNS-DX-ADVAVR software licenses for advanced routing and extra security features. Conformal coating, silicone at 8 mil thickness.</p>
DX940ETXL-2GTX-CT1-HROW	
DX940ETXL-2GTX-CT1-VZW	
12XX-1H	<p>Magnum 12XX Managed L2 or L3 Switch, front-mount, with one ACDC "high" internal Power Supply. Sixteen Gb ports, each of which are "combo" auto-negotiating RJ45 copper or SFP12XX for Gb or 100Mb fiber ports with IEEE 1588v2 Precision Timing. Heavy-duty case, convection cooled. Includes RJ11 console port, plus a USB interface for auto-configuration and saving, and an alarm contact for signaling power loss. Choose either Layer 2 software (default) or optional Layer 3 software, factory installed.</p>
12XX-1L	<p>Magnum 12XX Managed L2 or L3 Switch, front-mount, with one ACDC "high" internal Power Supply. Sixteen Gb ports, each of which are "combo" auto-negotiating RJ45 copper or SFP12XX for Gb or 100Mb fiber ports with IEEE 1588v2 Precision Timing. Heavy-duty case, convection cooled. Includes RJ11 console port, plus a USB interface for auto-configuration and saving, and an alarm contact for signaling power loss. Choose either Layer 2 software (default) or optional Layer 3 software, factory installed.</p>
12XXR-1H	<p>Magnum 12XX Managed L2 or L3 Switch, Reverse-Mount (All signal and power cables are in the rear), with one ACDC "high" internal Power Supply. Sixteen Gb ports, each of which are "combo" auto-negotiating RJ45 copper or SFP12XX for Gb or 100Mb fiber ports with IEEE 1588v2 Precision Timing. Heavy-duty case, convection cooled. Includes RJ11 console port, plus a USB interface for auto-configuration and saving, and an alarm contact for signaling power loss. Choose either Layer 2 software (default) or optional Layer 3 software, factory installed.</p>
12XXR-1L	<p>Magnum 12XX Managed L2 or L3 Switch, Reverse-Mount (All signal and power cables are in the rear), with one ACDC "high" internal Power Supply. Sixteen Gb ports, each of which are "combo" auto-negotiating RJ45 copper or SFP12XX for Gb or 100Mb fiber ports with IEEE 1588v2 Precision Timing. Heavy-duty case, convection cooled. Includes RJ11 console port, plus a USB interface for auto-configuration and saving, and an alarm contact for signaling power loss. Choose either Layer 2 software (default) or optional Layer 3 software, factory installed.</p>
12XX-2H	<p>Magnum 12XX Managed L2 or L3 Switch, front-mount, with two ACDC "high" internal Power Supplies for redundancy. Sixteen Gb ports, each of which are "combo" auto-negotiating RJ45 copper or SFP12XX for Gb or 100Mb fiber ports with IEEE 1588v2 Precision Timing. Heavy-duty case, convection cooled. Includes RJ11 console port, plus a USB interface for auto-configuration and saving, and an alarm contact for signaling power loss. Choose either Layer 2 software (default) or optional Layer 3 software, factory installed.</p>
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MNS-DX-SECURE-LIC25X	<p>MNS-DX-SECURE, key-enabled licensed software, for use on Magnum DX or 10-series Family of Configurable Industrial Routers. "LIC25X" key is a license for use on TWENTY FIVE (25) DX Router base units. Includes all the features of MNS-DX. MNS-DX-SECURE adds extra security features such as login banner message, stateful firewall, RADIUS authentication for access into the Dx router, and syslog capabilities.</p>
12XXR-2H	<p>Magnum 12XX Managed L2 or L3 Switch, Reverse-Mount (All signal and power cables are in the rear), with two ACDC "high" internal Power Supplies for redundancy. Sixteen Gb ports, each of which are "combo" auto-negotiating RJ45 copper or SFP12XX for Gb or 100Mb fiber ports with IEEE 1588v2 Precision Timing. Heavy-duty case, convection cooled. Includes RJ11 console port, plus a USB interface for auto-configuration and saving, and an alarm contact for signaling power loss. Choose either Layer 2 software (default) or optional Layer 3 software, factory installed.</p>
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MNS-6K-SECURE-LIC25X	<p>MNS-6K-SECURE, key-enabled licensed software for use on Magnum 6K and 10-series switches. "LIC25X" key is a license for use on twenty-five (25) 6K or 10-series switch base units. Includes SNMPv1, v2, SNMPv3 for access authentication, RMON, CLI and scripts, IPv6, Port Security, Secure Web Management with GUI, Syslog, SSH, RADIUS, TACACS+, Port Mirroring; Port Settings Control; STP, RSTP, Link-Loss-Learn(TM), Alarm Contact control, Telnet, TFTP, FTP, Spanning Tree Protocol, multi-level QoS, up to 256 tag-based VLANs, GVRP, IGMP Snooping, LACP, SNMPc GUI support; Event Log; SNTF client for time-of-day; SMTP for email notices, BootP, DHCP client and server, DNS client, MOTD, Dual-homing, password security and ease-of-use features. Supplied and updated via Internet and GCI FTP Server.</p>
12XX-1H1POE	<p>Magnum 12XX PoE Managed L2 or L3 Switch, front-mount, with one ACDC "high" internal Power Supply for the switch and one ACDC "high" power supply for powering four RJ45 PoE ports. Twelve other Gb ports, each of which are "combo" auto-negotiating RJ45 copper or SFP12XX for Gb or 100Mb fiber ports with IEEE 1588v2 Precision Timing. Heavy-duty case, convection cooled. Includes RJ11 console port, plus a USB interface for auto-configuration and saving, and an alarm contact for signaling power loss. Choose either Layer 2 software (default) or optional Layer 3 software, factory installed.</p>
12XX-1L1POE	<p>Magnum 12XX PoE Managed L2 or L3 Switch, front-mount, with one ACDC "high" internal Power Supply for the switch and one ACDC "high" power supply for powering four RJ45 PoE ports. Twelve other Gb ports, each of which are "combo" auto-negotiating RJ45 copper or SFP12XX for Gb or 100Mb fiber ports with IEEE 1588v2 Precision Timing. Heavy-duty case, convection cooled. Includes RJ11 console port, plus a USB interface for auto-configuration and saving, and an alarm contact for signaling power loss. Choose either Layer 2 software (default) or optional Layer 3 software, factory installed.</p>
12XXR-1H1POE	<p>Magnum 12XX PoE Managed L2 or L3 Switch, Reverse-Mount (All signal and power cables are in the rear), with one ACDC "high" internal Power Supply for the switch and one ACDC "high" power supply for powering four RJ45 PoE ports. Twelve other Gb ports, each of which are "combo" auto-negotiating RJ45 copper or SFP12XX for Gb or 100Mb fiber ports with IEEE 1588v2 Precision Timing. Heavy-duty case, convection cooled. Includes RJ11 console port, plus a USB interface for auto-configuration and saving, and an alarm contact for signaling power loss. Choose either Layer 2 software (default) or optional Layer 3 software, factory installed.</p>
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MNS-DX-ADVAVR-LIC25X	<p>MNS-DX-ADVAVR, Advanced Routing key-enabled licensed software, for use on Magnum DX or 10-series Family of Configurable Industrial Routers. "LIC25X" key is a license for use on TWENTY FIVE (25) DX Router base units. Includes all MNS-DX features plus advanced "enterprise" routing protocols such as BGP and OSPF. OSPF includes capability of Border Router, importing BGP Routes, importing Static routes, and setting other OSPF parameters for seamless operations in an OSPF network. BGP capabilities include setting input and output filters, MDS password and managing BGP profiles.</p>
MNS-DX-SECURE-LIC50X	<p>MNS-DX-SECURE, key-enabled licensed software, for use on Magnum DX or 10-series Family of Configurable Industrial Routers. "LIC50X" key is a license for use on FIFTY (50) DX Router base units. Includes all the features of MNS-DX. MNS-DX-SECURE adds extra security features such as login banner message, stateful firewall, RADIUS authentication for access into the Dx router, and syslog capabilities.</p>
MNS-6K-SECURE-LIC50X	<p>MNS-6K-SECURE, key-enabled licensed software for use on Magnum 6K and 10-series switches. "LIC50X" key is a license for use on fifty (50) 6K or 10-series switch base units. Includes SNMPv1, v2, SNMPv3 for access authentication, RMON, CLI and scripts, IPv6, Port Security, Secure Web Management with GUI, Syslog, SSH, RADIUS, TACACS+, Port Mirroring; Port Settings Control; STP, RSTP, Link-Loss-Learn(TM), Alarm Contact control, Telnet, TFTP, FTP, Spanning Tree Protocol, multi-level QoS, up to 256 tag-based VLANs, GVRP, IGMP Snooping, LACP, SNMPc GUI support; Event Log; SNTF client for time-of-day; SMTP for email notices, BootP, DHCP client and server, DNS client, MOTD, Dual-homing, password security and ease-of-use features. Supplied and updated via Internet and GCI FTP Server.</p>
DIN-RAIL-KIT-removed	<p>DIN-Rail mounting hardware kit for one Magnum Ethernet product.</p>
ENGRSERV	<p>Dedicated Engineering Services:  - Augment your own staff with networking experts from our team for critical programs or long-duration deployments.  - Customer access to your GarrettCom Consultant as a part of your own staff</p>
MNS-DX-ADVAVR-LIC50X	<p>MNS-DX-ADVAVR, Advanced Routing key-enabled licensed software, for use on Magnum DX or 10-series Family of Configurable Industrial Routers. "LIC50X" key is a license for use on FIFTY (50) DX Router base units. Includes all MNS-DX features plus advanced "enterprise" routing protocols such as BGP and OSPF. OSPF includes capability of Border Router, importing BGP Routes, importing Static routes, and setting other OSPF parameters for seamless operations in an OSPF network. BGP capabilities include setting input and output filters, MDS password and managing BGP profiles.</p>
MNS-DX-SECURE-LIC100X	<p>MNS-DX-SECURE, key-enabled licensed software, for use on Magnum DX or 10-series Family of Configurable Industrial Routers. "LIC100X" key is a license for use on ONE HUNDRED (100) DX Router base units. Includes all the features of MNS-DX. MNS-DX-SECURE adds extra security features such as login banner message, stateful firewall, RADIUS authentication for access into the Dx router, and syslog capabilities.</p>
MNS-6K-SECURE-LIC100X	<p>MNS-6K-SECURE, key-enabled licensed software for use on Magnum 6K and 10-series switches. "LIC100X" key is a license for use on one-hundred (100) 6K or 10-series switch base units. Includes SNMPv1, v2, SNMPv3 for access authentication, RMON, CLI and scripts, IPv6, Port Security, Secure Web Management with GUI, Syslog, SSH, RADIUS, TACACS+, Port Mirroring; Port Settings Control; STP, RSTP, Link-Loss-Learn(TM), Alarm Contact control, Telnet, TFTP, FTP, Spanning Tree Protocol, multi-level QoS, up to 256 tag-based VLANs, GVRP, IGMP Snooping, LACP, SNMPc GUI support; Event Log; SNTF client for time-of-day; SMTP for email notices, BootP, DHCP client and server, DNS client, MOTD, Dual-homing, password security and ease-of-use features. Supplied and updated via Internet and GCI FTP Server.</p>
MNS-DX-ADVAVR-LIC100X	<p>MNS-DX-ADVAVR, Advanced Routing key-enabled licensed software, for use on Magnum DX or 10-series Family of Configurable Industrial Routers. "LIC100X" key is a license for use on ONE HUNDRED (100) DX Router base units. Includes all MNS-DX features plus advanced "enterprise" routing protocols such as BGP and OSPF. OSPF includes capability of Border Router, importing BGP Routes, importing Static routes, and setting other OSPF parameters for seamless operations in an OSPF network. BGP capabilities include setting input and output filters, MDS password and managing BGP profiles.</p>
MNS-DX-SECURE-LIC300X	<p>MNS-DX-SECURE, key-enabled licensed software, for use on Magnum DX or 10-series Family of Configurable Industrial Routers. "LIC300X" key is a license for use on THREE HUNDRED (300) DX Router base units. Includes all the features of MNS-DX. MNS-DX-SECURE adds extra security features such as login banner message, stateful firewall, RADIUS authentication for access into the Dx router, and syslog capabilities.</p>
MNS-6K-SECURE-LIC300X	<p>MNS-6K-SECURE, key-enabled licensed software for use on Magnum 6K and 10-series switches. "LIC300X" key is a license for use on three-hundred (300) 6K or 10-series switch base units. Includes SNMPv1, v2, SNMPv3 for access authentication, RMON, CLI and scripts, IPv6, Port Security, Secure Web Management with GUI, Syslog, SSH, RADIUS, TACACS+, Port Mirroring; Port Settings Control; STP, RSTP, Link-Loss-Learn(TM), Alarm Contact control, Telnet, TFTP, FTP, Spanning Tree Protocol, multi-level QoS, up to 256 tag-based VLANs, GVRP, IGMP Snooping, LACP, SNMPc GUI support; Event Log; SNTF client for time-of-day; SMTP for email notices, BootP, DHCP client and server, DNS client, MOTD, Dual-homing, password security and ease-of-use features. Supplied and updated via Internet and GCI FTP Server.</p>

	<p>Belden MVP - Be Assured Maintenance - Priority Support:</p> <ul style="list-style-type: none"> <li>- Front of Queue Escalation: Priority Support ensures that problems are handled in an escalated manner and tracked with executive management visibility when any issues arise. This ensures fast resolution to keep your network up and running.</li> <li>- Dedicated Technical Support Contact: Direct access to a familiar technical support team member who is understands your network, personnel, and product deployments.</li> <li>- Direct Access to Application Engineers: Access to experienced field application engineering resources to assist with network design, deployment, and solution implementation decisions.</li> <li>- Application Software Updates: Access to the latest software versions of Routing and Security Application.</li> <li>- Annual network health assessment by an experienced GarrettCom Application Engineer to ensure your network is properly configured and to proactively prevent problems.</li> </ul>
BEAM-1	<ul style="list-style-type: none"> <li>- Minimum product purchase required of 50K USD OR Customer inventory of over 80K USD</li> </ul>
MNS-DX-ADVAR-LIC300X	<p>MNS-DX-ADVAR, Advanced Routing key-enabled licensed software, for use on Magnum DX or 10-series Family of Configurable Industrial Routers. "LIC300X" key is a license for use on THREE HUNDRED (300) DX Router base units. Includes all MNS-DX features plus advanced "enterprise" routing protocols such as BGP and OSPF. OSPF includes capability of Border Router, importing BGP Routes, importing Static routes, and setting other OSPF parameters for seamless operations in an OSPF network. BGP capabilities include setting input and output filters, MD5 password and managing BGP profiles.</p>
ADVREP	<p>Immediate Advance Replacement Program:</p> <ul style="list-style-type: none"> <li>- Assures that anytime a hardware problem arises, replacement hardware will be expedited from GarrettCom to get your network up and running with minimal downtime.</li> <li>- Detailed root cause failure analysis will be performed by our technical experts to minimize future network risks.</li> <li>- (Limited to the US and Canada, certain restrictions and program options apply.)</li> <li>- 4% of Hardware List Price Annually</li> </ul>
EXTWARRANTY	<p>Extended warranty:</p> <ul style="list-style-type: none"> <li>- additional year extension of standard warranty, per product.</li> <li>- Price is 10% of product list price.</li> </ul> <p>Network Maintenance and Consultation:</p> <ul style="list-style-type: none"> <li>- Quarterly network health evaluations with on-site review of your deployment by our technical applications engineering team.</li> <li>- Security, Performance, Reliability all regularly reviewed by your applications engineer that understands your network and your needs.</li> </ul>
NETMAINT	<p>Plans available:</p> <ul style="list-style-type: none"> <li>- 20 man day / year @ \$22,000/yr</li> <li>- 10 man day / year @ \$12,750/yr</li> </ul> <p>* Subject to appropriate scoping of project - does not include transportation and incidentals (T&amp;I)</p>