

Item no.: 386020

PT-508-MM-SC-48 - Managed IEC 61850-3 DIN rail Ethernet switch with 6 10100BaseT(X) ports

from **1.115,83 EUR**

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shipping weight: 1.00 kg
Manufacturer: MOXA



Product Description

Moxa's Layer 2 Managed Switches are characterised by industrial-grade reliability, network redundancy and security features based on the IEC 62443 standard. We offer robust, industry-specific products with multiple industry certifications, such as parts of the EN 50155 standard for railway applications, IEC 61850-3 for energy automation systems and NEMA TS2 for intelligent transport systems. IEC 61850-3 managed DIN rail Ethernet switch, with 6 10/100BaseT(X) ports and 2 100BaseFX multimode ports with SC connectors, 1 isolated power supply (48 VDC), -40 to 85°C operating temperature Ethernet interface- 00BaseT(X) ports (RJ45 connectors): 6- 100BaseFX ports (multi-mode SC connector): 2- Standards IEEE 802.1D-2004 for Spanning Tree Protocol IEEE 802.1p for Class of Service IEEE 802.1Q for VLAN tagging IEEE 802.1s for Multiple Spanning Tree Protocol IEEE 802.1w for Rapid Spanning Tree Protocol IEEE 802.1X for authentication IEEE 802.3 for 10BaseT IEEE 802.3ab for 1000BaseT(X) IEEE 802.3ad for Port Trunk with LACP IEEE 802.3u for 100BaseT(X) and 100BaseFX IEEE 802.3x for Flow Control Ethernet Software Features- Filter: 802.1Q, GMRP, GVRP, IGMP v1/v2c, Port-based VLAN, VLAN unaware- Industrial Protocols: EtherNet/IP, Modbus TCP- Management: Backpressure Flow Control, BOOTP, DHCP Option 66/67/82, DHCP Server/Client, Flow Control, HTTP, IPv4/IPv6, LLDP, Port Mirror, - RARP, RMON, SMTP, SNMP Inform, SNMPv1/v2c/v3, Syslog, Telnet, TFTP- MIB: Bridge MIB, Ethernet-like MIB, MIB-II, P-BRIDGE MIB, Q-BRIDGE MIB, RMON MIB groups 1, 2, 3, 9, RSTP MIB- Redundancy protocols: link aggregation, MSTP, RSTP, STP, Turbo Chain, Turbo Ring v1/v2- Security: HTTPS/SSL, TACACS+, Port Lock, RADIUS, Rate Limit, SSH- Time Management: NTP Server/Client, SNTP, 100BaseFX Single-Mode Switch Features- IGMP Groups: 256- MAC Table Size: 8 K- Max. Number of VLANs: 64- Packet buffer size: 1 Mbits- VLAN ID range: VID 1 to 4094- Priority queues: 4 Serial interface- Console port: RS-232 (RJ45) Input/output interface- Alarm contact channels: Resistive load: 1 A @ 24 VDC Power parameters- Connection: 1 removable 5-contact terminal block(s)- Input voltage: Redundant power inputs, 48 VDC (36 to 72 VDC)- Overload current protection: Supports- Reverse polarity protection: Supports- Input current: 0.12 A @ 48 VDC Physical properties- Housing: aluminium- Protection rating: IP40- Dimensions (without ears): 60 x 160 x 110 mm (2.36 x 6.30 x 4.33 in)- Weight: 995 g (2.21 lb)- Mounting: DIN rail mount, DIN rail mount (with optional kit) Environmental conditions- Operating temperature: -40 to 85°C (-40 to 185°F) Note: Minimum 100 VAC at -40°C (-40°F) required for cold start- Storage temperature (including packaging): -40 to 85°C (-40 to 185°F)- Ambient relative humidity: 5 to 95% (non-condensing) Standards and certifications- EMI: EN 55032 Class A, CISPR 32, FCC Part 15B Class A- EMS: IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/m IEC 61000-4-4 EFT: Power: 4 kV; Signal: 4 kV IEC 61000-4-5 Surge: Power: 4 kV; Signal: 4 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFM IEC 61000-4-11- Power Substation: IEC 61850-3, IEEE 1613- Safety: UL 508 MTBF- Time: 394.238 hours- Standards: Telcordia SR332

Specifications

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prices and availability

