

Item no.: 385882

## PT-510-MM-SC-HV - IEC 61850-3 managed DIN rail Ethernet switch, with 8 10100BaseT(X) ports

from **1.161,84 EUR**

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shipping weight: 1.30 kg  
Manufacturer: MOXA



### Product Description

Moxa's managed Layer 2 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. Managed DIN rail Ethernet switch according to IEC 61850-3, with 8 10/100BaseT(X) ports and 2 100BaseFX multimode ports with SC connectors, 1 isolated power supply (88 to 300 VDC or 85 to 264 VAC), Operating temperature -40 to 85 °C Ethernet interface 10/100BaseT(X) ports (RJ45 connector)- 8 100BaseFX ports (multi-mode SC connector)- 2 fibre optic 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 802.3ad 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- Back Pressure 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- MSTP, RSTP, STP, Turbo Chain, Turbo Ring v1/v2 Security- HTTPS/SSL, TACACS+, Port Lock, RADIUS, Rate Limit, SSSH Time management- NTP Server/Client, SNTP Switch properties LGM groups- 256 MAC table size- 8 KMax. 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- 110/220 VAC/VDC (88 to 300 VAC, 85 to 264 VDC) Overload current protection- Supports Reverse polarity protection- Supports Input current- 0.234/0.148 A @ 110/220 VAC- 0.10/0.052 A @ 110/220 VDC Physical properties Housing- Aluminium Protection class- IP40 Dimensions (without ears)- 80 x 160 x 110 mm (3.15 x 6.30 x 4.33 in) Weight- 1210 g (2.69 lb) Installation- DIN rail mounting (with optional kit) Ambient conditions Operating temperature- -40 to 85°C (-40 to 185°F)- Note: Cold start requires at least 100 VAC @ -40°C Storage temperature (including packaging)- -40 to 85°C (-40 to 185°F) 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: 35 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 PFMF- IEC 61000-4-11 DIPs Power Substation- IEC 61850-3, IEEE 1613 Safety- UL 508 MTBF Time- 372,276 hrs Standards- Telcordia SR332

### Specifications

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All details, up-to-date prices and availability

