

Item no.: 385887

## PT-510-SS-LC-48 - IEC 61850-3 managed DIN-rail Ethernet switch, with 8 10100BaseT(X) ports and 2 1

from **1.287,92 EUR**

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shipping weight: 1.30 kg  
Manufacturer: MOXA



### Product Description

Moxa's Layer 2 managed switches feature industrial-grade reliability, network redundancy, and security features based on the IEC 62443 standard. We offer toughened, industry-specific products with multiple industry certifications, such as parts of the EN 50155 standard for rail applications, IEC 61850-3 for power automation systems, and NEMA TS2 for intelligent transportation systems. IEC 61850-3 managed DIN-rail Ethernet switch, with 8 10/100BaseT(X) ports and 2 100BaseFX single-mode ports with LC connectors, 1 isolated power supply (48 VDC), -40 to 85°C operating temperature Ethernet Interface 10/100BaseT(X) Ports (RJ45 connector)- 8100BaseFX Ports (single-mode LC 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- 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, SSh Time Management- NTP Server/Client, SNTP Switch Properties IGM P Groups- 256 MAC Table Size- 8 K Max. No. 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- Supported Reverse Polarity Protection- Supported Input Current- 0.18 A @ 48 VDC Physical Characteristics Housing- Aluminum IP Rating- 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) Environmental Limits Operating Temperature- -40 to 85°C (-40 to 185°F)- Note: Cold start requires minimum of 100 VAC @ -40°C Storage Temperature (package included)- -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: 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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prices and availability

