

Item no.: 385872

## PT-508-MM-ST-HV - IEC 61850-3 managed DIN-rail Ethernet switch, with 6 10100BaseT(X) ports and 2 1

from **1.094,49 EUR**

Item no.: 385872  
shipping weight: 1.00 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 6 10/100BaseT(X) ports and 2 100BaseFX multi-mode ports with ST connectors, 1 isolated power supply (88 to 300 VDC or 85 to 264 VAC), -40 to 85°C operating temperature**

**Ethernet Interface**  
 10/100BaseT(X) Ports (RJ45 connector)- 6  
 100BaseFX Ports (multi-mode ST 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-** 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 Properties**  
 IGMP 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-** 110/220 VAC/VDC (88 to 300 VAC, 85 to 264 VDC)  
**Overload Current Protection-** Supported  
**Reverse Polarity Protection-** Supported  
**Input Current-** 0.18/0.11 A @ 110/220 VAC- 0.084/0.043 A @ 110/220 VDC  
**Physical Characteristics**  
**Housing-** Aluminum  
**IP 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)  
**Installation-** DIN-rail mounting, 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: 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 PFMF- IEC 61000-4-11  
**Power Substation-** IEC 61850-3, IEEE 1613  
**Safety-** UL 508M  
**TBFTime-** 394,238 hrs  
**Standards-** Telcordia SR332

### Specifications

Scan this QR code to view the product  
All details, up-to-date prices and availability

