

Item no.: 386129

## EDS-505A-MM-ST-T - Managed Ethernet switch with 3 10/100BaseT(X) ports, 2 100BaseFX multi-mode ports

from **1.111,42 EUR**

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shipping weight: 0.40 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. Managed Ethernet switch with 3 10/100BaseT(X) ports, 2 100BaseFX multi-mode ports with ST connectors, -40 to 75°C operating temperature. Input/Output Interface Alarm Contact Channels- 2- Relay output with current carrying capacity of 1 A @ 24 VDC. Digital Input Channels- 2. Digital Inputs- +13 to +30 V for state 1- -30 to +3 V for state 0- Max. input current: 8 mA. Buttons- Reset button. Ethernet Interface 10/100BaseT(X) Ports (RJ45 connector)- 3- Auto negotiation speed- Full/Half duplex mode- Auto MDI/MDI-X connection. 100BaseFX Ports (multi-mode ST connector)- 2. Standards- IEEE 802.3 for 10BaseT- IEEE 802.3u for 100BaseT(X) and 100BaseFX- IEEE 802.1X for authentication- IEEE 802.1D-2004 for Spanning Tree Protocol- IEEE 802.1w for Rapid Spanning Tree Protocol- IEEE 802.1s for Multiple Spanning Tree Protocol- IEEE 802.1Q for VLAN Tagging- IEEE 802.1p for Class of Service- IEEE 802.3x for flow control- IEEE 802.3ad for Port Trunk with LACP. Ethernet Software Features Filter- 802.1Q VLAN- Port-based VLAN- IGMP v1/v2- GVRP- GMRP. Industrial Protocols- EtherNet/IP- Modbus TCP. Management- IPv4/IPv6- SNMP v1/v2c/v3- LLDP- Port Mirror- Back Pressure Flow Control- BOOTP- DDM- DHCP Option 66/67/82- DHCP Server/Client- Flow control- RARP- RMON- SMTP- SNMP Inform- Syslog- Telnet- TFTP. MIB- MIB-II- Bridge MIB- Ethernet-like MIB- P-BRIDGE MIB- Q-BRIDGE MIB- RMON MIB Groups 1, 2, 3, 9- RSTP MIB Redundancy Protocols- STP- MSTP- RSTP- LACP- Link Aggregation- Turbo Chain- Turbo Ring v1/v2. Security- HTTPS/SSL- RADIUS- TACACS+- Port Lock- SSH- Broadcast storm protection. Time Management- NTP Server/Client- SNTP. Switch Properties IGMP Groups- 256. MAC Table Size- 8 K. Max. No. of VLANs- 64. Packet Buffer Size- 1 Mbit. Priority Queues- 4. VLAN ID Range- VID 1 to 4094. LED Interface LED Indicators- PWR1, PWR2, FAULT, 10/100M (TP port), 100M (fiber port), MSTR/HEAD, CPLR/TAIL. Serial Interface Console Port- RS-232 (Tx, Rx, GND), 10-pin RJ45 (115200, n, 8, 1). DIP Switch Configuration. Ethernet Interface- Turbo Ring, Master, Coupler, Reserve. Power Parameters Connection- 2 removable 6-contact terminal block(s). Input Voltage- 12/24/48 VDC- Redundant dual inputs. Operating Voltage- 9.6 to 60 VDC. Input Current- 0.29 A @ 24 VDC. Overload Current Protection- Supported. Reverse Polarity Protection- Supported. Physical Characteristics Housing- Metal. IP Rating- IP30. Dimensions- 80.2 x 135 x 105 mm (3.16 x 5.31 x 4.13 in). Weight- 1040 g (2.3 lb). Installation- DIN-rail mounting- Wall mounting (with optional kit). Environmental Limits Operating Temperature- -40 to 75°C (-40 to 167°F). Storage Temperature (package included)- -40 to 85°C (-40 to 185°F). Ambient Relative Humidity- 5 to 95% (non-condensing). Standards and Certifications Safety- EN 62368-1- UL 60950-1- UL 508 EMC- EN 55032/35 EMI- CISPR 32, FCC Part 15B Class A EMS- IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV- IEC 61000-4-3 RS: 80 MHz to 1 GHz: 20 V/m- IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV- IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV- IEC 61000-4-6 CS: 10 V- IEC 61000-4-8 PFMF Hazardous Locations- ATEX- Class I Division 2. Vibration- IEC 60068-2-6 Shock- IEC 60068-2-27 Freefall- IEC 60068-2-31 Maritime- DNVMTB Time- 1,090,077 hrs. Standards- Telcordia (Bellcore), GB

### Specifications

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All details, up-to-date prices and availability

