

Item no.: 387540

EDS-510A-1GT2SFP - Managed Gigabit Ethernet switch with 7 10/100BaseT(X) ports

from **1.223,30 EUR**

Item no.: 387540
shipping weight: 0.50 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 Gigabit Ethernet switch with 7 10/100BaseT(X) ports, 1 10/100/1000BaseT(X) port, 2 SFP slots for adding SFP-1G series Gigabit Ethernet modules, 0 to 60 °C operating temperature Input/output interface Alarm contact channels- 2- Relay output with a 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 Ethernet interface 10/100BaseT(X) ports (RJ45 connection)- 7- Automatic speed negotiation- Full/half-duplex mode- Automatic MDI/MDI-X connection 10/100/1000BaseT(X) ports (RJ45 connection) Ports (RJ45 connection)- 1- Speed with automatic negotiation- Full/half-duplex mode- Automatic MDI/MDI-X connection 1000BaseSFP slots- 2 Standards- IEEE 802.3 for 10BaseT- IEEE 802.3u for 100BaseT(X)- IEEE 802.3ab for 1000BaseT(X)- IEEE 802.3z for 1000BaseSX/LX/LHX/ZX- 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- SNMPv1/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- SSSH Time Management- NTP Server/Client- SNTP Switch Properties IGMP Groups- 256 MAC Table Size- 8 K Max. No. VLANs- 64 Packet Buffer Size- 1 Mbits Priority Queues- 4 VLAN ID Range- VID 1 to 4094 LED Interface LED Indicators- PWR1, PWR2, FAULT, 10/100M (TP port), 1000M (Gigabit 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 current- 0.38 A @ 24 VDC Input voltage- 24 VDC- Redundant double inputs Operating voltage- 12 to 45 VDC Overload current protection- Supports Reverse polarity protection- Supports Physical properties Housing- Metal IP protection class- IP30 Dimensions- 80.2 x 135 x 105 mm (3.16 x 5.31 x 4.13 in) Weight- 1170 g (2.58 lb) Installation- DIN rail mounting- Wall mounting (with optional kit) Ambient conditions Operating temperature- -10 to 60°C (14 to 140°F) Storage temperature (including packaging)- -40 to 85°C (-40 to 185°F) 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: 2 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 areas- ATEX- Class I Division 2 Railway- EN 50121-4 Traffic control- NEMA TS2 Vibration NEMA TS2 Vibration- IEC 60068-2-6 Shock- IEC 60068-2-27 Free fall- IEC 60068-2-31 Marine- DNV MTBF Time- 2,636,255 hours Standards- Telcordia (Bellcore), GB

Specifications

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prices and availability

