

Item no.: 387542

## EDS-510A-3SFP - Managed Gigabit Ethernet switch with 7 10/100BaseT(X) ports, 3 SFP slots

from **1.266,39 EUR**

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shipping weight: 1.20 kg  
Manufacturer: MOXA



### Product Description

Layer 2 Managed Switches Moxa's Layer 2 Managed 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, 3 SFP slots for adding Gigabit Ethernet modules of the SFP-1G series, 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 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 1000BaseSFP slots 3 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 SNMP v1/v2c/v3 LLDP Port Mirror Back Print Flow Control BOOTP DDMDHCP Option 66/67/82 DHCP Server/Client Flow Control RAR PRMONS MTSPSNMP Inform Syslog Telnet TFTP MIB MIB-II Bridge MIB Ethernet-like MIBP-BRIDGE MIBQ-BRIDGE MIBRMON 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 Time management NTP Server/Client SNTP Switch-Properties IGMP groups 256 MAC table size 8 K Max. Number of 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 connection), 1000M (Gigabit connection), MSTR/HEAD, CPLR/TAIL Serial interface Console connection RS-232 (Tx/D, RxD, GND), 10-pin RJ45 (115200, n, 8, 1) DIP switch configuration Ethernet interface Turbo Ring, Master, Coupler, Reserve Physical features 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) Environmental 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 IEC 60950-1 IEC 55032/35 EMC 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 IEC 60068-2-6 Shock IEC 60068-2-27 Free fall IEC 60068-2-31 Marine DNV MTBF Standards Telcordia (Bellcore), GB

### Specifications

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prices and availability

