

Item no.: 387592

EDS-4012-4GS-LV - Managed Gigabit Ethernet switch with 8 10100BaseT(X) ports

from **1.066,35 EUR**

Item no.: 387592
 shipping weight: 0.90 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 8 10/100BaseT(X) ports, 4 100/1000BaseSFP ports, dual power supply 12/24/48 VDC, -10 to 60°C Operating temperature Ethernet Interface-10/100BaseT(X) Ports (RJ45 connector) 8 Auto negotiation speed Full/Half duplex mode Auto MDI/MDI-X connection-100/1000BaseSFP Ports 4-Standards IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) and 100BaseFX IEEE 802.3ab for 1000BaseT(X) IEEE 802.3z for 1000BaseX IEEE 802.3x for flow control IEEE 802.3ad for Port Trunk with LACP IEEE 802.1Q for VLAN Tagging IEEE 802.1D-2004 for Spanning Tree Protocol IEEE 802.1w for Rapid Spanning Tree Protocol IEEE 802.1p for Class of Service IEEE 802.1X for authentication Ethernet Software Features-Industrial Protocols EtherNet/IP Modbus TCP PROFIBUS IO Device-Management IPv4/IPV6 Flow control Back Pressure Flow Control DHCP Server/Client ARP RARP LLDP Fibre check Port Mirroring (SPAN, RSPAN) Linkup Delay SMTP SNMP Trap SNMP Inform SNMP v1/v2c/v3 RMON TFTP SFTP HTTP TTPS Telnet Syslog Private MIB-Filter GMPLS VRRP GARP 802.1Q VLAN IGMP Snooping v1/v2/v3 IGMP Querier-Redundancy Protocols STP RSTP Turbo Ring v2 Turbo Chain Ring Coupling Dual-Homing Link Aggregation MRPMSTP-Security Broadcast storm protection Rate Limit Trust access control Static Port Lock MAC Sticky HTTPS/SSL SSH RADIUS DHCP Snooping TACACS+ Login and Password Policy Access control list-Time Management SNT PNT P Server/Client NTP Authentication IEEE 1588v2 PTP (hardware-based) Supported power profiles: IEEE 1588 Default 2008, IEC 61850-9-3-2016, IEEE C37.238-2017-Protocols IPv4/IPV6 TCP/IP UDP ICMP ARP RARP TFTP DNS NTP Client DHCP Server DHCP Client 802.1X QoS HTTP SHTTP Telnet SMTP SNMP v1/v2c/v3 RMON Syslog-MIBP-BRIDGE MIBQ-BRIDGE MIBIEEE8021-SPANNING-TREE-MIBIEEE8021-PAE-MIBIEEE8023-LAG-MIBLLDP-EXT-DOT1-MIBLLDP-EXT-DOT3-MIBSNMPv2-MIBRMON MIB Groups 1, 2, 3, 9 Switch Properties-MAC Table Size 16 K-Jumbo Frame Size 9.216 KB-Max. No. of VLANs 256-VLAN ID Range VID 1 to 4094-IGMP Groups 512-Priority Queues 4-Packet Buffer Size 1 MB LED Interface-LED Indicators PWR1, PWR2, STATE, FAULT, MSTR/HEAD, CPLR/TAIL, SYNC Serial Interface-Console Port RS-232 (Tx, Rx, GND), 8-pin RJ45 (115200, n, 8, 1) USB Interface-USB Connector USB Type A (Reserved) Input/Output Interface-Alarm Contact Channels 1, Relay output with current carrying capacity of 1 A @ 24 VDC-Digital Input Channels 1-Digital Inputs +13 to +30 V for state 1-30 to +3 V for state 0 Max. input current: 8 mA-Buttons Reset button DIP Switch Configuration-DIP Switches Turbo Ring, Master, Coupler, Reserve Power Parameters-Connection 2 removable 4-contact terminal block(s)-Pre-installed Power Module PWR-100-LV-Note The EDS-4012 Series supports modular power supplies. The model names and power parameters are determined by the installed power module. For example: EDS-4012-4GS-T + PWR-100-LV = EDS-4012-4GS-LV-TEDS-4012-4GS-T + PWR-105-HV-I = EDS-4012-4GS-HV-T If you install a different power module, refer to the specifications of the corresponding model. For example, if you replace the power module of the EDS-4012-4GS-LV-T with the PWR-105-HV-I, refer to the specifications of the EDS-4012-4GS-HV-T. Input Voltage 12/24/48 VDC Redundant dual inputs-Operating Voltage 9.6 to 60 VDC-Input Current 12-48 VDC, 1.50-0.40 A or 24 VDC, 0.70 A-Power Consumption (Max.) 10.52 W-Max. PoE Power Output per Port 90 W-Overload Current Protection Supported-Reverse Polarity Protection Supported Physical Characteristics-IP Rating IP40-Dimensions 55 x 140 x 120 mm (2.17 x 5.51 x 4.72 in)-Weight 827 g (1.82 lb)-Installation DIN-rail mounting Wall mounting (with optional kit)-Housing Metal Environmental Limits-Operating Temperature -10 to 60°C (14 to 140°F)-Storage Temperature (package included) -40 to 85°C (-40 to 185°F)-Ambient Relative Humidity 5 to 95% (non-condensing) Standards and Certifications-Industrial Cybersecurity IEC 62443-4-1 IEC 62443-4-2 Safety UL 61010-2-201EN 62368-1 (LVD)-EMC EN 55032/35EN 61000-6-2/-6-4-EMI CISPR 32, FCC Part 15B Class A-EMSI 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-Maritime LRD/NV/KABS-Vibration IEC 60068-2-6 Shock IEC 60068-2-27-Free-fall IEC 60068-2-32-Railway EN 50121-4-Traffic Control NEMA TS2-Power Substation IEC 61850-3 IEC 1613 Class 1-Hazardous Locations IEC Ex Class I Division 2 AT EX MTBF-Time 874,838 hrs-Standards Telcordia SR332

Specifications

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

