

Item no.: 386205

EDS-4008-2MSC-HV-T - Managed Ethernet switch with 6 10/100BaseT(X) ports, 2 100BaseFX multi-mode ports

from 1.289,75 EUR

Item no.: 386205
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 6 10/100BaseT(X) ports, 2 100BaseFX multi-mode ports with SC connectors, single power supply 110/220 VAC/VDC, -40 to 75°C operating temperature

Ethernet Interface- 10/100BaseT(X) Ports (RJ45 connector) 6 Auto negotiation speed Full/Half duplex mode Auto MDI/MDI-X connection- 100BaseFX Ports (multi-mode SC connector) 2- Standards IEC 802.3 for 10BaseT IEC 802.3u for 100BaseT(X) and 100BaseFX IEC 802.3ab for 1000BaseT(X) IEC 802.3z for 1000BaseX IEC 802.3x for flow control IEC 802.3ad for Port Trunk with LACP IEC 802.1Q for VLAN Tagging IEC 802.1D-2004 for Spanning Tree Protocol IEC 802.1w for Rapid Spanning Tree Protocol IEC 802.1p for Class of Service IEC 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 Fiber check Port Mirroring (SPAN, RSPAN) Linkup Delay SMTP SNMP Trap SNMP Inform SNMP v1/v2c/v3 RMON FTTP SFTP HTTP TFTP STelnet Syslog Private MIB- Filter GMPLS VRRP GARP 802.1Q VLAN IGMP Snooping v1/v2/v3 GMP Querier- Redundancy Protocols STP RSTP Turbo Ring v2 Turbo Chain Ring Coupling Dual-Homing Link Aggregation MSTP MRP- Security Broadcast storm protection Rate Limit Trust access control Static Port Lock MAC Sticky HTTPS/SSL SSH RADIUS STACACS+ Access control list Login and Password Policy DHCP Snooping- Time Management SNT PTP Server/Client NTP Authentication IEC 1588 v2 PTP (hardware-based) Supported power profiles: IEC 1588 Default 2008, IEC 61850-9-3-2016, IEC C37.238-2017- Protocols IPv4/IPV6 TCP/IP UDP ICMP ARP RARP TFTP DNS NTP Client DHCP Server DHCP Client 802.1X QoS HTTP SFTP TFTP Telnet SMTP SNMP v1/v2c/v3 RMON Syslog- MIB- BRIDGE MIB Q-BRIDGE MIB IEC 8021-SPANNING-TREE- MIB IEC 8021-PAE- MIB IEC 8023-LAG- MIB LLDP-EXT-DOT1- MIB LLDP-EXT-DOT3- MIB SNMP v2- MIB RMON 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 M BLE D Interface- LED Indicators PWR1, PWR2, STATE, FAULT, MSTR/HEAD, CPLR/TAIL, SYNC Serial Interface- Console Port RS-232 (Tx, Rx, D, 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-105-HV-I- Note The EDS-4008 Series supports modular power supplies. The model names and power parameters are determined by the installed power module. For example: EDS-4008-T + PWR-100-LV = EDS-4008-LV- TEDS-4008-T + PWR-105-HV-I = EDS-4008-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-4008-LV-T with the PWR-105-HV-I, refer to the specifications of the EDS-4008-HV-T.- Input Voltage 110/220 VDC/VAC Single input- Operating Voltage 88 to 300 VDC, 85 to 264 VAC- Input Current 110-220 VAC, 50-60 Hz, 0.30-0.20 A or 110-220 VDC, 0.30-0.20 A- Power Consumption (Max.) 11.09 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 886 g (1.95 lb)- Installation DIN-rail mounting Wall mounting (with optional kit)- Housing Metal 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- 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- 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- Vibration IEC 60068-2-6- Shock IEC 60068-2-27- Freefall IEC 60068-2-32- Railway EN 50121-4- Traffic Control NEMA TS2- Power Substation IEC 61850-3 IEC 1613 Class 1 MTBF- Time 492,582 hrs- Standards Telcordia SR332

Specifications

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All details, up-to-date prices and availability

