

Item no.: 386057

EDS-P506E-4POE-2GTXSFP - Managed Ethernet switch with 4 PoE60W 10100BaseT(X) ports

from **1.084,21 EUR**

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shipping weight: 0.40 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.

Ethernet Interface- Combo Ports (10/100/1000BaseT(X) or 100/1000BaseSFP+) 2 Full/Half duplex mode Auto MDI/MDI-X connection Auto negotiation speed - PoE Ports (10/100BaseT(X), RJ45 connector) 4 Full/Half duplex mode Auto MDI/MDI-X connection Auto negotiation speed - Standards IEEE 802.1D-2004 for Spanning Tree Protocol IEEE 802.1p for Class of Service IEEE 802.1Q for VLAN Tagging IEEE 802.1s for Multiple Spanning Tree Protocol IEEE 802.1w for Rapid Spanning Tree Protocol IEEE 802.1X for authentication IEEE 802.3 for 10BaseT IEEE 802.3ab for 1000BaseT(X) IEEE 802.3ad for Port Trunk with LACP IEEE 802.3u for 100BaseT(X) and 100BaseFX IEEE 802.3x for flow control IEEE 802.3z for 1000BaseSX/LX/LHX/ZX Ethernet Software Features- Filter: 802.1Q VLAN, BPDU Filter, BPDU Guard, GMRP, GVRP, IGMP v1/v2/v3, Port-based VLAN - Industrial Protocols: EtherNet/IP, Modbus TCP, PROFINET - Management: Back Pressure Flow Control, BOOTP, DDM, DHCP Option 66/67/82, DHCP Server/Client, Fibre check, Flow control, IPv4/IPv6, RARP, RMON, SCP, SMTP, SNMP Inform, SNMP v1/v2c/v3, Syslog, Telnet, TFTP - MIB: Bridge MIB, Ethernet-like MIB, MIB-II, P-BRIDGE MIB, Q-BRIDGE MIB, RMON MIB Groups 1, 2, 3, 9, RSTP MIB - Redundancy Protocols: Link Aggregation, MRP, MSTP, RSTP, STP, Turbo Chain, Turbo Ring v1/v2 - Security: Broadcast storm protection, HTTPS/SSL, MAC ACL TACACS+, MAB authentication, Sticky MAC, NTP authentication, Port Lock, RADIUS, SSH - Time Management: IEEE 1588v2 PTP (software-based), NTP Server/Client, SNTP Switch Properties- IGMP Groups: 256 - Jumbo Frame Size: 9.6 KB - MAC Table Size: 8 K - Packet Buffer Size: 12 Mbits - Priority Queues: 4 - Max. No. of VLANs: 64 - VLAN ID Range: VID 1 to 4094 USB Interface- Storage Port: USB Type A LED Interface- LED Indicators: PWR1, PWR2, STATE, FAULT, 10/100M (TP port), 10/100/1000M (Gigabit Combo port), MSTR/HEAD, CPLR/TAIL, PoE Serial Interface- Console Port: USB-serial console (Type B connector) Input/Output Interface- Digital Input Channels: 1 - Digital Inputs: Max. input current: 8 mA, +13 to +30 V for state 1, 30 to +3 V for state 0 - Alarm Contact Channels: 1, Relay output with current carrying capacity of 0.5 A @ 48 VDC - Buttons: Reset button DIP Switch Configuration- Ethernet Interface- Turbo Ring, Master, Coupler, Reserve Power Parameters- Input Voltage: 12/24/48 VDC Redundant dual inputs - Operating Voltage: 12 to 57 VDC (> 50 VDC for PoE+ output recommended) - Input Current: 4.08 A @ 48 VDC - Max. PoE Power Output per Port: 60 W - Connection: 2 removable 4-contact terminal block(s) - Power Consumption (Max.): Max. 18.96 W full loading without PD's consumption - Total PoE Power Budget Max. 180 W for total PD's consumption @ 48 VDC input Max. 150 W for total PD's consumption @ 24 VDC input Max. 62 W for total PD's consumption @ 12 VDC input - Overload Current Protection: Supported - Reverse Polarity Protection: Supported Physical Characteristics- Housing: Metal - IP Rating: IP40 - Dimensions: 49.1 x 135 x 116 mm (1.93 x 5.31 x 4.57 in) - Weight: 910 g (2.00 lb) - Installation: DIN-rail mounting, Wall mounting (with optional kit) 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- Safety: UL 61010-2-201, EN 61010-2-201 - EMC: EN 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 PFM IEC 61000-4-11 - Power Substation: IEC 161, IEC 61850-3 Edition 2.0 - Railway: EN 50121-4 - Traffic Control: NEMA TS2 - Vibration: IEC 60068-2-6 - Bump: IEC 61850-3 Edition 2.0 - Freefall: IEC 60068-2-31 - Shock: IEC 60068-2-27 MTBF: Time: 755,167 hrs - Standards: Telcordia (Bellcore), GB

Specifications

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All details, up-to-date prices and availability

