

Item no.: 386139

EDS-516A - Managed Ethernet switch with 16 10/100BaseT(X) ports, 0 to 60°C operating temperature

from **1.102,68 EUR**

Item no.: 386139
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.

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Input/Output Interface
Alarm Contact Channels- Resistive load: 1 A @ 24 VDC
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 connector)- 16- Auto negotiation speed- Full/Half duplex mode- Auto MDI/MDI-X connection
Standards- IEEE 802.3 for 10BaseT- IEEE 802.3u for 100BaseT(X) and 100BaseFX- 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- GMRP- GVRP- IGMP v1/v2- Port-based VLAN
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- SSH- Broadcast storm protection
Time Management- NTP Server/Client- SNTP- IEEE 1588v2 PTP (software-based)
Switch Properties
IGMP Groups- 256
MAC Table Size- 8 K
Max. No. of VLANs- 64
Packet Buffer Size- 2 Mbits
Priority Queues- 4
VLAN ID Range- VID 1 to 4094
LED Interface
LED Indicators- PWR1, PWR2, FAULT, 10/100M (TP port), 100M (fiber port), MSTR/HEAD, CPLR/TAI
Serial Interface
Console Port- RS-232 (TxD, RxD, 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 Voltage- 24 VDC- Redundant dual inputs
Operating Voltage- 12 to 45 VDC
Input Current- 0.35 A @ 24 VDC
Overload Current Protection- Supported
Reverse Polarity Protection- Supported
Physical Characteristics
Housing- Metall
IP Rating- IP30
Dimensions- 94 x 135 x 142.7 mm (3.7 x 5.31 x 5.62 in)
Weight- 1586 g (3.50 lb)
Installation- DIN-rail mounting- Wall mounting (with optional kit)
Environmental Limits
Operating Temperature- 0 to 60°C (32 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- 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: 10 V/m- IEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kV- IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV- IEC 61000-4-6 CS: 10 V- IEC 61000-4-8 PFMF
Hazardous Locations- ATEX- Class I Division 2
Vibration- IEC 60068-2-6
Shock- IEC 60068-2-27
Freefall- IEC 60068-2-31
Maritime- DNVMTB
Time- 250,219 hrs
Standards- Telcordia (Bellcore), GB

Specifications

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

