

Item no.: 386132

## EDS-505A-T - Managed Ethernet switch with 5 10/100BaseT(X) ports, -40 to 75°C operating tempera

from **747,03 EUR**

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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 5 10/100BaseT(X) ports, -40 to 75°C operating temperature**

Input/Output Interface- Alarm Contact Channels  
2 Relay output with 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- Buttons  
Reset button  
Ethernet Interface- 10/100BaseT(X) Ports (RJ45 connector) 5  
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  
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 Pressure  
Flow Control  
BOOTP  
DDNS  
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  
BP-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  
Switch Properties- IGMP Groups 256- MAC Table Size 8 K- Max. No. 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 port), 100M (fiber port), MSTR/HEAD, CPLR/TAIL  
Serial Interface- Console Port RS-232 (TxD, Rx, D, 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 12/24/48 VDC  
Redundant dual inputs- Operating Voltage 9.6 to 60 VDC- Input Current 0.21 A @ 24 VDC- Overload Current Protection Supported- Reverse Polarity Protection Supported  
Physical Characteristics- Housing Metal- IP Rating IP30- Dimensions 80.2 x 135 x 105 mm (3.16 x 5.31 x 4.13 in) - Weight 1040 g (2.3 lb)- Installation  
DIN-rail mounting  
Wall mounting (with optional kit)  
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- 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: 20 V/m  
IEC 61000-4-4  
EFT: Power: 2 kV; Signal: 1 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 Locations  
ATEX  
Class I Division 2- Vibration  
IEC 60068-2-6- Shock  
IEC 60068-2-27- Freefall  
IEC 60068-2-31- Maritime  
DNV  
MTBF- Time 1,157,396 hrs- Standards  
Telcordia (Bellcore), GB

### Specifications

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

