

# MOXA EDS-405A-MM-SC

## Managed Ethernet switch

3 × 10/100BaseT(X) Ports

2 × 100BaseFX multi-mode ports with SC connector for redundant fiber optic loop connectivity

### Description

The EDS-405A is an entry-level 5-port managed Ethernet switch designed especially for industrial applications. The switch supports a variety of useful management functions, such as Turbo Ring, Turbo Chain, ring coupling, IGMP snooping, IEEE 802.1Q VLAN, port-based VLAN, QoS, RMON, bandwidth management, port mirroring, and warning by email or relay. The ready-to-use Turbo Ring can be set up easily using the web-based management interface, or with the DIP switches located on the top panel of the EDS-405A switch.



### Features

- IPv6 Ready
- DHCP Option 82 for IP address assignment with different policies
- Modbus/TCP industrial Ethernet protocol supported
- IEC 61850 GOOSE messaging compliance
- Plug-n-Play Turbo Ring (recovery time < 20 ms at full load) and RSTP/STP (IEEE 802.1w/D) capability
- Port-based VLAN to ease network planning
- QoS (IEEE 802.1p and TOS/DiffServ) to increase determinism
- RMON for efficient network monitoring and proactive capability
- SNMPv1/v2c/v3 for different levels of network management security
- Bandwidth management to prevent unpredictable network status
- Port mirroring for online debugging

### General informations

Housing	Metal, IP30 protection
Dimensions	53.6 × 135 × 105 mm
Weight	650 g
Installation	DIN rail mounting
Operating Temp.	0 °C to 60 °C
Input Voltage	24 VDC (12 to 45 VDC), redundant, dual inputs

#### Interfaces:

Fiber Ports	100BaseFX ports (SC/ST connector)
RJ45 Ports	10 / 100BaseT(X) auto negotiation speed, Full/Half duplex mode auto MDI/MDI-X connection
Console Port	RS-232 (RJ45 connector)
DIP Switches	Turbo Ring, Master, Coupler, Reserve
LED Indicators	PWR1, PWR2, FAULT, MSTR/HEAD, CPLR/TAIL, 10/100M
Alarm Contact	1 relay output with current carrying capacity of 1 A @ 24 VDC