

# EDS-408A Series

## 8-port entry-level managed Ethernet switches



### Features and Benefits

- Turbo Ring and Turbo Chain (recovery time < 20 ms @ 250 switches), and RSTP/STP for network redundancy
- IGMP Snooping, QoS, IEEE 802.1Q VLAN, and port-based VLAN supported
- Easy network management by web browser, CLI, Telnet/serial console, Windows utility, and ABC-01
- PROFINET or EtherNet/IP enabled by default (PN or EIP models)
- Supports MXstudio for easy, visualized industrial network management

### Certifications



## Introduction

The EDS-408A Series is designed especially for industrial applications. The switches support 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-408A switches.

### Additional Features and Benefits

- DHCP Option 82 for IP address assignment with different policies
- Supports EtherNet/IP, Modbus TCP and PROFINET<sup>1</sup> protocols for device management and monitoring
- EtherNet/IP EDS (Electronic Data Sheet) file, custom AOI (Add-On Instructions) and FactoryTalk® View faceplate available
- PROFINET GSDML file and SIMATIC STEP 7 device icons available<sup>1</sup>
- Port mirroring for online debugging
- Port-based VLAN, IEEE 802.1Q VLAN, and GVRP to ease network planning
- QoS (IEEE 802.1p and TOS/DiffServ) to increase determinism
- RMON for proactive and efficient network monitoring
- SNMPv1/v2c/v3 for different levels of network management security
- Bandwidth management to prevent unpredictable network status

## Specifications

### Ethernet Interface

10/100BaseT(X) Ports (RJ45 connector)	EDS-408A/408A-T, EDS-408A-EIP/PN models: 8 EDS-408A-MM-SC/MM-ST/SS-SC models: 6 EDS-408A-3M-SC/3M-ST/3S-SC/3S-SC-48/1M2S-SC/2M1S-SC models: 5  All models support: Auto negotiation speed Full/Half duplex mode Auto MDI/MDI-X connection
100BaseFX Ports (multi-mode SC connector)	EDS-408A-MM-SC/2M1S-SC models: 2 EDS-408A-3M-SC models: 3 EDS-408A-1M2S-SC models: 1
100BaseFX Ports (multi-mode ST connector)	EDS-408A-MM-ST models: 2 EDS-408A-3M-ST models: 3
100BaseFX Ports (single-mode SC connector)	EDS-408A-SS-SC/1M2S-SC models: 2 EDS-408A-2M1S-SC models: 1 EDS-408A-3S-SC/3S-SC-48 models: 3

1. EDS-408A-PN Series only