

EDS-316 Series

16-port unmanaged Ethernet switches



Features and Benefits

- Relay output warning for power failure and port break alarm
- Broadcast storm protection
- -40 to 75°C wide operating temperature range (-T models)

Certifications



Introduction

The EDS-316 Ethernet switches provide an economical solution for your industrial Ethernet connections. These 16-port switches come with a built-in relay warning function that alerts network engineers when power failures or port breaks occur. In addition, the switches are designed for harsh industrial environments, such as the hazardous locations defined by the Class 1 Div. 2 and ATEX Zone 2 standards.

The switches comply with FCC, UL, and CE standards and support either a standard operating temperature range of -10 to 60°C or a wide operating temperature range of -40 to 75°C. All switches in the series undergo a 100% burn-in test to ensure that they fulfill the special needs of industrial automation control applications. The EDS-316 switches can be installed easily on a DIN rail or in a distribution box.

Specifications

Input/Output Interface

Alarm Contact Channels	1 relay output with current carrying capacity of 1 A @ 24 VDC
Ethernet Interface	
10/100BaseT(X) Ports (RJ45 connector)	EDS-316 models: 16 EDS-316-MM-SC/MM-ST/MS-SC/SS-SC models: 14 EDS-316-SS-SC-80 models: 14 EDS-316-M-SC/M-ST/S-SC models: 15 All models support: Auto negotiation speed Full/Half duplex mode Auto MDI/MDI-X connection
100BaseFX Ports (multi-mode SC connector)	EDS-316-M-SC models: 1 EDS-316-MM-SC models: 2 EDS-316-MS-SC models: 1
100BaseFX Ports (multi-mode ST connector)	EDS-316-M-ST models: 1 EDS-316-MM-ST models: 2
100BaseFX Ports (single-mode SC connector)	EDS-316-MS-SC models: 1 EDS-316-S-SC models: 1 EDS-316-SS-SC models: 2
100BaseFX Ports (single-mode SC connector, 80 km)	EDS-316-SS-SC-80 models: 2