

## IDS 405

- › 1 x 100BaseFX optical fiber Ethernet port
- › Ideal for non-stop industrial communications
- › IP40 dust-proof standard



### Overview

IDS 405 Managed Redundant Ethernet Switch has one fiber optic Ethernet port. Its highly reliable hardware design is ideal for non-stop industrial applications.

### Specifications

#### Standards:

IEEE 802.3  
IEEE 802.3u

#### Interface

IDS 405: 1 x 10/100BaseFX port + 4 x 10/100BaseTX ports  
RJ45 Ports: 10/100BaseTX  
Console Port: RS-232(RJ45 connector)

#### Power Requirements:

Input Voltage: 24 VDC (12 to 36 VDC), redundant dual inputs  
Input Current:  
IDS 405: < 0.09A@24VDC  
Overload Current Protection: Present  
Reverse Polarity Protection: Present  
Connector: 6-contact terminal blocks

#### Physical Characteristics :

Housing: Metal, IP40 protection  
Dimensions: 40 x 77 x 97 mm  
Weight: 490g  
Installation: DIN-Rail mounting, wall mounting

#### Environmental Limits:

Operating Temperature:  
Standard Models: 0 to +60 ° C (32 to 140° F )  
Wide Temp. Models: -40 to +75 ° C (-40 to 167° F )  
Storage Temperature: -40 to +85° C (-40 to 185° F )  
Ambient Relative Humidity: 5 to 95% (non-condensing)

#### Standards and Certifications:

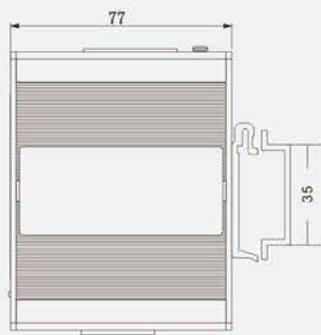
Safety: UL 60950-1  
EMI: FCC Part 15 Subpart B Class A, EN 55022 Class A  
EMS:  
EN 61000-4-2 (ESD) Level 3, EN 61000-4-3 (RS) Level 3,  
EN 61000-4-4 (EFT) Level 3, EN 61000-4-5 (Surge) Level 3,  
EN 61000-4-6 (CS) Level 3, EN 61000-4-8 Level 3  
Shock: IEC 60068-2-27  
Freefall: IEC 60068-2-32  
Vibration: IEC 60068-2-6

Warranty Period: 5years

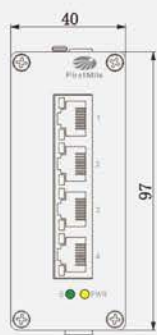


## Dimensions

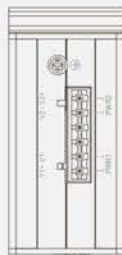
Unit:mm



Side View



405  
Front View



Rear View DIN-Rail/Panel Mounting Kit



## Ordering Information

Available Models	Transceiver Type		Connector Type	Temperature Range
IDS 405	002	2km Dual-fiber MMF 1310nm	SC/PC ST/PC FC/PC	W -40°C to +75 °C S 0°C to +60 °C
	020	20km Dual-fiber SMF 1310nm		
	040	40km Dual-fiber SMF 1310nm		
	060	60km Dual-fiber SMF 1310nm		
	080	80km Dual-fiber SMF 1550nm		
	120	120km Dual-fiber SMF 1550nm		
	20A	20km BiDI SMF 1310nm		
	20B	20km BiDI SMF 1550nm		
	40A	40km BiDI SMF 1310nm		
	40B	40km BiDI SMF 1550nm		
	60A	60km BiDI SMF 1310nm		
	60B	60km BiDI SMF 1550nm		
	80A	80km BiDI SMF 1310nm		
	80B	80km BiDI SMF 1550nm		