3onedata

Make network communication more reliable

IES2000-2BP-SS-LC-2P48 Series

DIN-Rail Mounting

Industrial Bypass Protector

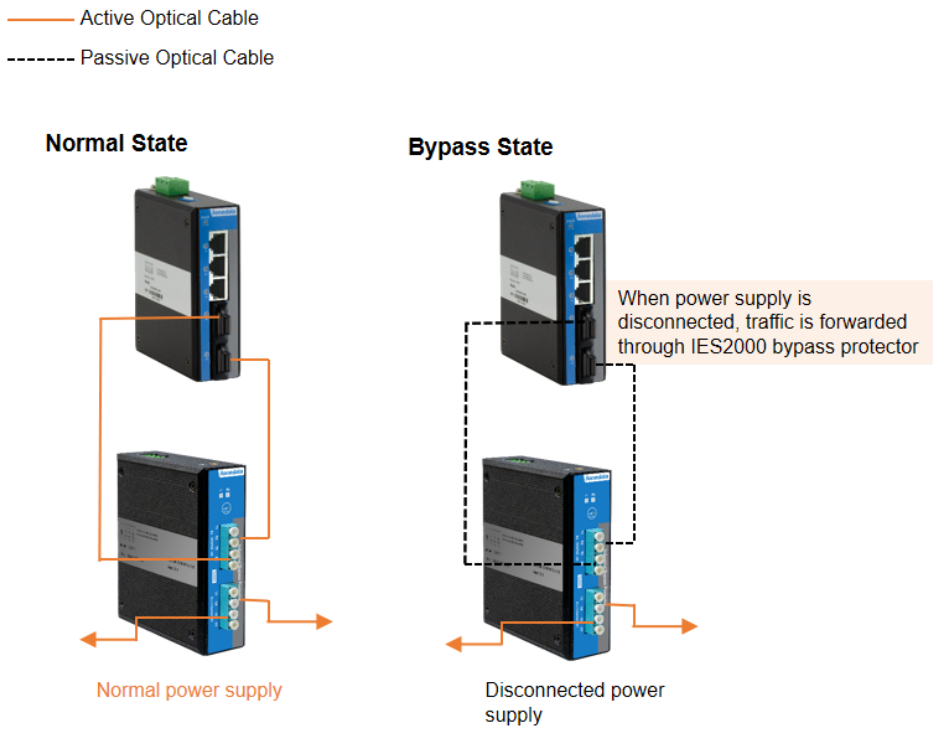
- Support 4 1*1 LC-LC flange interfaces
- Support 12~48VDC dual power supply inputs with reverse connection protection
- Support -40~75℃ wide operating temperature range

Introduction

IES2000-2BP-SS-LC-2P48 is industrial bypass protector that supports 4 1*1 LC-LC flange interfaces The device can add bypass function for any network node. When the node is powered off or fails, the data passes through the bypass protector, and other nodes in the network will not be affected, which can effectively avoid the disconnection of network communication in the whole area due to node problems.

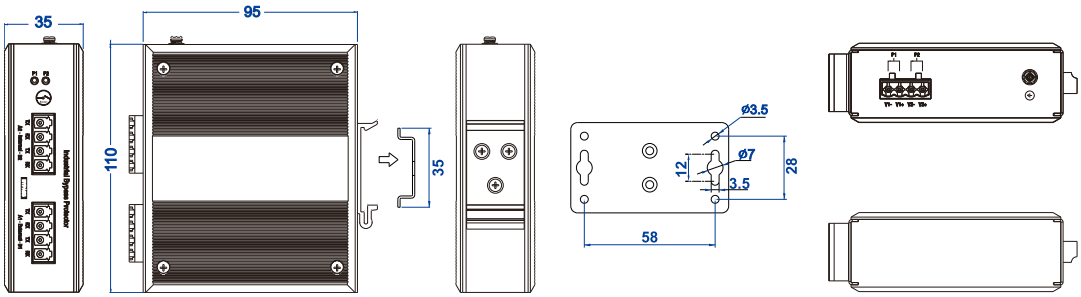
Hardware adopts fanless, low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in smart city, rail transit, smart city, safety city, new energy, intelligent manufacturing and other industrial fields.

Typical Application



Dimension

Unit: mm



Specification

Ethernet port	Single-mode optical fiber, 4 1*1 LC-LC hole-type connector
Indicator	Power indicator
Power Supply	12~48VDC, redundant power supply, anti-reverse connection 4-pin 5.08mm pitch terminal blocks
Optical Switching Time	10ms (max.)
Working Environment	Operating temperature: -40~75℃ Storage temperature:-40~85℃ Relative humidity: 5% ~ 95% (no condensation)
Physical Characteristic	Housing: IP40 protection, metal Installation: DIN-Rail mounting Dimension (W x H x D): 35mm×110mm×95mm Weight: 376g
Industrial Standard	IEC 61000-4-2 (ESD, electrostatic discharge), Level 4 ● Air discharge:± 16kV ● Contact discharge: ±8kV IEC 61000-4-4 (EFT, electrical fast transient), Level 4 ● Power supply interface: ±4kV IEC61000-4-5 (Surge), Level 4 ● Power supply: differential mode±4kV, common mode±2kV Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6

Certification	CE, FCC, RoHS
Warranty	5 years

Ordering Information

Available Models	1*1 LC-LC flange interface	Power Supply
IES2000-2BP-SS-LC-2P48	4	12~48VDC, dual power supply

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