IES2000-1BP-SS-LC-2P48

DIN-Rail or Wall Mounting

One-Way Industrial Optical Fiber Bypass Protector

- Support 1 single mode single-fiber LC fiber port Bypass
- Support 12~48VDC input, dual power supply redundancy, and anti-reverse connection
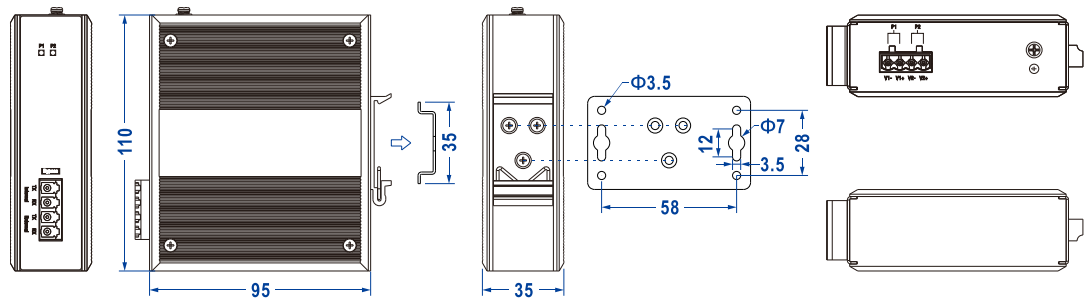- Support -40~75℃ wide operating temperature range
- Support IP40 protection grade

Introduction

IES2000-1BP-SS-LC-2P48 is an one- way industrial optical fiber bypass protector that supports single-mode single-fiber LC 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.
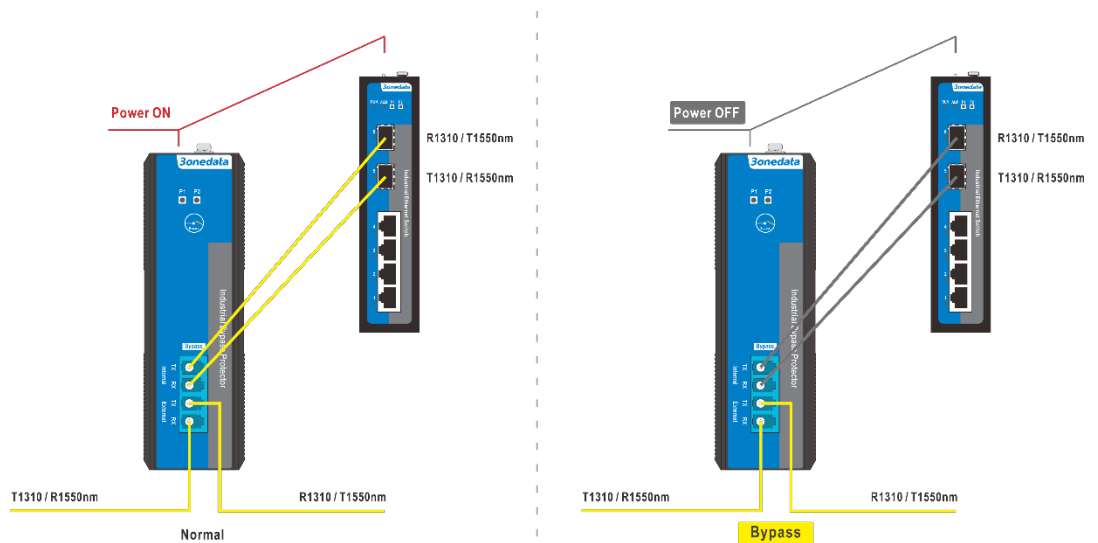
Dimension

Unit: mm

Specification

Bypass Interface	External interface (External): 2 LC interfaces, adopt single mode fiber, support Bypass Internal interface (Internal): 2 LC interfaces, adopt single mode fiber
Indicator	Power indicator
Power Supply	12~48VDC, dual power supply redundancy, anti-reverse connection, adopt 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 or wall mounting (standard DIN-Rail) Dimension (W x H x D): 35mm×110mm×95mm Weight: 376g
Industrial Standard	IEC61000-4-2 (ESD, electrostatic discharge), Level 4 ● Air discharge:± 16kV ● Contact discharge: ±8kV IEC61000-4-4 (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
Authentication	CE, FCC, RoHS
Warranty	5 years

Typical Application

Ordering Information

Available Models	LC interface (External)	LC interface (Internal)	Power Supply
IES2000-1BP-SS-LC-2P48	2	2	12~48VDC dual power supply

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