IT-ES308-IU-1F

8-ports 10/100M Unmanaged Industrial Ethernet Switch

Features

1. Advanced Ethernet switch technical

2. IEEE802.3/802.3u/802.3x/802.3d,store and forward

3. Plug-and-play, 10/100M, F/H duplex, MDI/MDI-X auto negotiation

4. Broadcast storm protection

5. Relay output warning for power failure and port break alarm

6. Redundant 24VDC power input (12V～48VDC)

7. -40~75°C working temperature

8. Designed for industrial applications. IP30 protection, rugged high-strength metal case

Introduction

IT-ES308-IU-1F series are a smart plug-and-play industrial Ethernet switch, which can provide economical solution for your Ethernet. Its dustproof fully sealed structure (or protective case of IP30 level), over-current, over-voltage and EMC protected redundant double power input as well as built-in intelligent alarm design can help system main tenancy personnel monitor the network operation, which can work reliably in harsh and dangerous environment.

　IT-ES308-IU-1F support 7 TP ports and 1 optic port, TP (RJ45) Support 10/100Base-T(X), Full/Half duplex mode, and auto MDI/MDI-X connection.100BaseFX ports supports single/multi-mode, SC/ST connector, optional.

Specifications

Interfaces

RJ45 Ports: 10/100BaseT(X) auto connection, F /H duplex or force work mode, and support MDI/MDI-X connection

Fiber Port: 100BaseFX ports (SC/ST connector, optional)

　　　Single-mode: 20, 40, 60, 80, 120Km, optional

　　　Multi-mode: 2Km

Wavelength: 850nm, 1310 nm, 1550nm

Alarm output interface: One relay alarm output. Support power, port link and network alarm

Indicator: Power, Port link, abnormity alarm indication, 10M/100M Rate

Technology

Standards: IEEE802.3, IEEE802.3x, IEEE802.3u

Forwarding and Filtrate Rate: 148810pps

Processing type: Store and Forward

System exchange bandwidth: 4.8G

Relay

Max voltage: DC30V

Max power input: 24VA

Power

Input Voltage: 24VDC (12VDC~48VDC)

Overload Current Protection

Support dual power backup

Mechanical

Dimensions: 136mm×52mm×105mm (H×W×D)

Casing: IP30 protection, Metal case

Weight: 800g

Environmental

Operating Temperature: -40 to 75°C

Storage Temperature: -45 to 85 °C

Ambient Relative Humidity: 10% to 95% (non-condensing)

Approvals

EMI: FCC Part 15, CISPR (EN55022) class A

EMS: EN61000-4-2 (ESD),

　　　EN61000-4-3 (RS),

　　　EN61000-4-4 (EFT),

　　　EN61000-4-5 (Surge),

　　　EN61000-4-6 (CS),

　　　EN61000-4-8,

EN61000-4-11   Vibration: IEC 60068-2-6

Shock: IEC 60068-2-27   **Warranty: 5 years**

Free Fall: IEC 60068-2-32   **Approvals: FCC, CE, RoHS approvals**

Double power supply input and relay output alarm

IT-ES308-IU-1F series can provide double power supply backup and 1-route relay alarm output. Redundant double DC power supply input (12V～48VDC) can provide your equipment with uninterrupted operation to further provide additional protection for normal operation of automatic system. 1-route equipment alarm output signal can support power supply and port link alarm. Relay can give out output alarm in case of power supply failure or interruption of port link to notice or remind site engineers to make quick response for appropriate emergency maintenance

Ordering Informations

IT-ES308-IU-1F(M)   7-ports 10/100Baes-T(X) + 1-port 100Base-FX, Multi-mode, SC, ST, optional, DC12-48V

IT-ES308-IU-1F(S)   7-ports 10/100Baes-T(X) + 1-port 100Base-FX, Single-mode, SC, ST, optional, DC12-48V

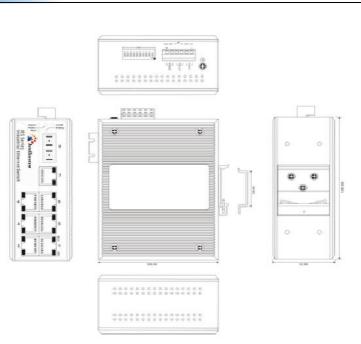**IT-ES308-IU-1F(SS)**   7-ports 10/100Baes-T(X) + 1-port 100Base-FX, Single-mode, Single fiber, SC, ST, optional, DC12-48V

Packing List

1. Ethernet switch IT-ES308-IU series (plus terminal block) ×1

2. User manual ×1

3. DIN-Rail fittings ×1

Dimensions