IT-ES308-IU-4F

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-4F 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-4F series supports 4 TP ports and 4 fiber ports. 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 Ports: 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: 2.0G

Relay

Current carrying capacity: 1A@30VDC

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), Level 4

EN61000-4-3 (RS), Level 3

EN61000-4-4 (EFT), Level 4

EN61000-4-5 (Surge), Level 4

EN61000-4-6 (CS), Level 4

EN61000-4-8, Level 5

Shock: IEC 60068-2-27

Free Fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

Warranty: 5 years

Approvals: FCC, CE, RoHS approvals

Ordering Informations

IT-ES308-IU-4F(M)   4-ports 10/100Baes-T(X) + 4-ports 100Base-FX, Multi-mode, SC, ST, optional, DC12-48V

IT-ES308-IU-4F(S)   4-ports 10/100Baes-T(X) + 4-ports 100Base-FX, Single-mode, SC, ST, optional, DC12-48V

IT-ES308-IU-4F(SS)   4-ports 10/100Baes-T(X) + 4-ports 100Base-FX, Single-mode, Single fiber, SC, ST, optional, DC12-48V

Packing List

1. Ethernet switch IT-ES308-IU-4F series (plus terminal block) ×1

2. User manual ×1

3. DIN-Rail fittings ×1

Dimensions