IES215-2F

3-Port 10/100Base-T(X) + 2-Port 100Base-FX

Unmanaged Industrial Ethernet Switch

Features

- Support 3 port 10Base-T/100Base-TX RJ45 and 2 port 100Base-FX (SC/FC/ST)
- Support IEEE802.3/802.3u/802.3x, store and forward
- Support Ethernet 10/100Mself-adaption
- 9~48VDC wide voltage power supply input
- No fan, low consumption design
- IP40 protection, high strength metal shell, DIN rail mount
- -40~75℃ working temperature

Introduction

IES215-2F is a type of unmanaged industrial Ethernet switch with 3 port 10Base-T/100Base-TX Ethernet RJ45 and 2 port 100Base-FX (SC/FC/ST optional), supports IEEE802.3, IEEE802.3u, IEEE802.3x standard, can provide economical solution for your network connection. IP40 grade protection ensures reliable work in terrible environment. LED indicator is helpful to monitor and control the status of network connection. It complies with FCC, CE standard. DIN-rail installation and wide operating temperature (-40~75℃), can satisfied some kinds of industrial environment, can provide reliable and quickly solution for your Ethernet device.

Specification

Technology

Standard: IEEE802.3, IEEE802.3u, IEEE802.3x

Flow control: IEEE802.3x flow control, back press flow control

Exchange attribute

100M forward speed: 148810pps

Transmit mode: store and forward

System exchange bandwidth: 1.6Gbps

MAC address table: 2K

Interface

RJ45 port: 10Base-T/100Base-TX auto speed control, Half/full duplex and MDI/MDI-X auto detect

Fiber port: 100Base-FX, SC/ST/FC connector, support single mode (20/40/60/80Km optional), multi mode (2Km), wavelength: 1310nm, 1550nm

Transfer distance

Twisted cable: 100M (standard CAT5/CAT5e cable)

Multi-mode: 1310nm, 2Km

Single-mode: 1310nm, 20/40/60Km
1550nm, 80/100/120Km

LED indicator

Interface indicator: Link (1~5)

Power supply indicator: PWR

Power supply

Input Voltage: 24VDC (9~48VDC)

Type of input: 3 bits7.62mm terminal block

Support opposite connection protection

DIP Switch

NO.1: Flow Control   NO.2: Force RJ45 to 10M

Consumption

No-load consumption: 2.64W@48VDC

Full-load consumption: 3.70W@48VDC

Working environment

Working temperature: -40～75℃

Storage temperature: -40～85℃

Relative Humidity: 5%~95 %(no condensation)

Mechanical Structure

Shell: IP40, high strength iron shell.

Installation: DIN-Rail

Dimension (W×H×D): 35mm ×110 mm×95mm

Weight: 360g

Industry Standard

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

EMS: EN61000-4-2 (ESD), Level 3
EN61000-4-4 (EFT), Level 3
EN61000-4-5 (Surge), Level 3

Shock: IEC 60068-2-27

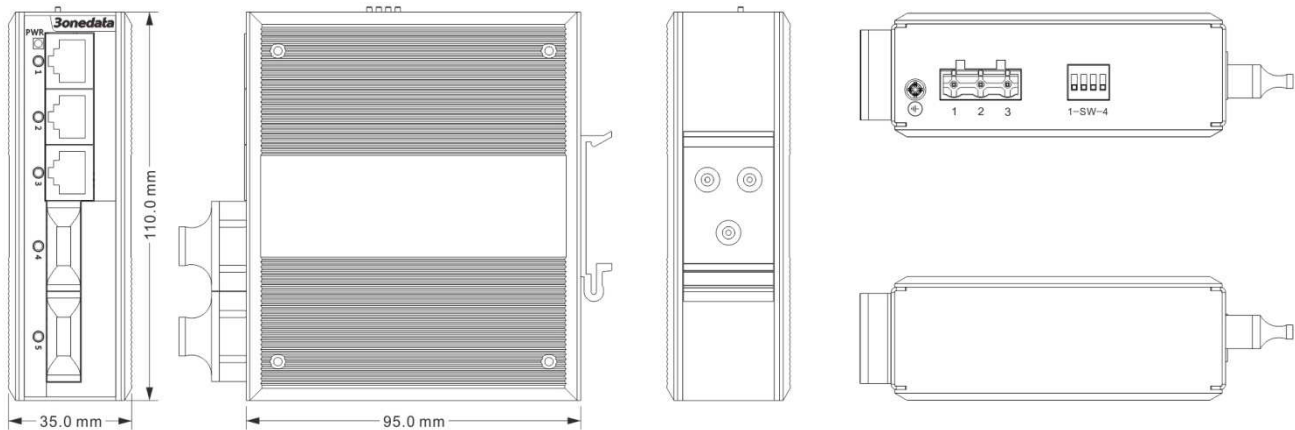Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

Warranty

Warranty time: 5 years

Certification   CE, FCC, RoHS, UL508 (Pending)

Dimension

Unit (mm)

Ordering Information

IES215-2F (M): 3 port 10/100Baes-T(X) + 2 port 100Base-FX Multi-mode SC/ST/FC, 9~48VDC, DIN-Rail mounts

IES215-2F (S): 3 port 10/100Baes-T(X) + 2 port 100Base-FX Single-mode SC/ST/FC, 9~48VDC, DIN-Rail mounts

IES215-2F (SS): 3 port 10/100Baes-T(X) + 2 port 100Base-FX single-mode, single fiber SC/ST/FC, 9~48VDC, DIN-Rail mounts

Packing List

1. Industrial Ethernet Switch ×1

2. User manual × 1

3. Certificate of quality × 1

4. Warranty card × 1