UPCOM

Industrial Ethernet Switches　　IES415-2F

◆　3 port 10/100M TX+ 2 port 100M FX Unmanaged Switch(12~48VDC)

➢ Features

- Support 3 port 10Base-T/100Base-TX Ethernet and 2 port 100Base-FX
- Support IEEE802.3/802.3u store and forward
- Support Ethernet 10/100Mself-adaption
- 12~48VDC wide voltage power supply input
- No fan, low consumption design
- IP40 protection, high strength metal shell, DIN rail mount
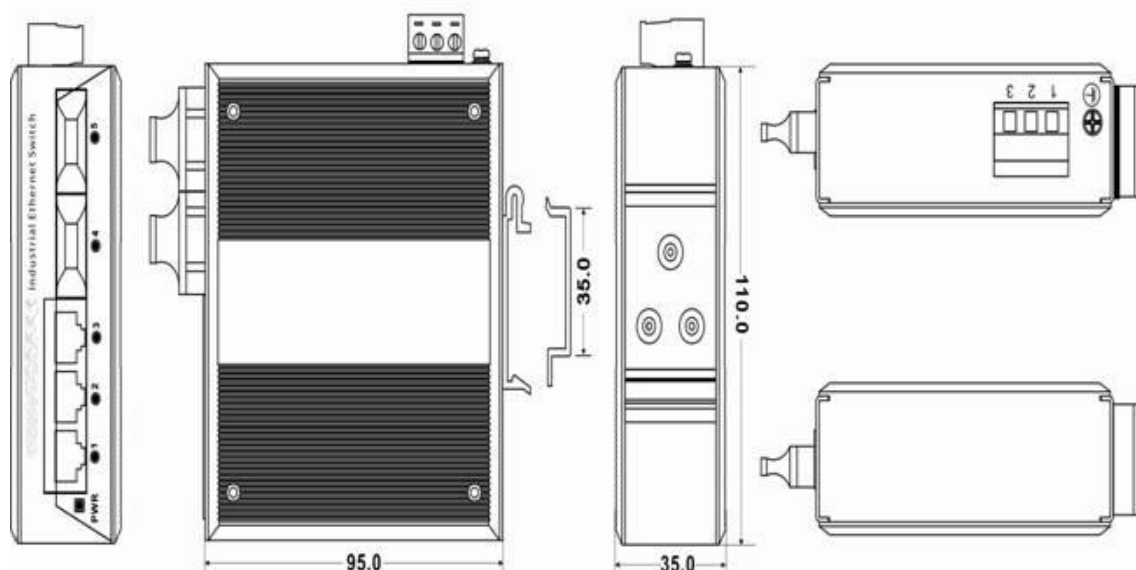- -40~75℃ working temperature

➢ Introduction

IES415-2F is a type of unmanaged industrial Ethernet switch with 3 port 10Base-T/100Base-TX Ethernet and 2 port 100Base-FX, supports IEEE802.3, EEE802.3u, 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
Interface	
Ethernet	10/100Base-TX self-adaption, RJ45 port
Fiber	100BaseFX(SC/ST optional)
Transfer cable	100m(CAT5/CAT5e)
Multi mode fiber	1310nm,2Km
Single mode fiber	1310nm, 20K, 1310nm, 40Km
	1310nm, 60K, 1550nm, 80Km
100M transmit speed	148810pps
Transfer	Store and forward
System exchange bandwidth	1 G
Buffer memory	64Kbits
Support 2K MAC address table	
LED indicator	
Interface indicator	1~5 (LINK/ACT)
Power supply indicator	PWR
Power supply	

Input voltage	24VDC(12~48VDC)
Input current	0.02A@24VDC
Terminal block	3 bits 7.62mm terminal block
None load consumption	2.0W@24VDC
Full load consumption	2.6W@24VDC
Support inside over-current 4.0A protection	
Support opposite connection protection	
Mechanical	
Shell	IP40, high strength iron shell.
Installation	DIN Rail
Dimension（W×H×D)	110 mm×95mm×35mm
Weight	370g
Environmental	
Operating Temperature	-45 ℃ to 75 ℃
Storage Temperature	-45 ℃ to 85 ℃
Relative Humidity	10 to 95% (non-condensing)
Standard	
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 3
	EN61000-4-8(PFM), Level 5
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**

➢ Ordering Information

Model NO.	Description
IES415-2F (M)	3-port 10/100Baes-T(X) + 2-port 100Base-FX, Multi-mode, SC/ST/FC optional, DC12-48V
IES415-2F (S)	3-port 10/100Baes-T(X) + 2-port 100Base-FX, Single-mode, SC/ST/FC optional, DC12-48V
IES415-2F (SS)	3 port 10/100Baes-T(X)+ 2 port 100Base-FX, Single-mode, single fiber, SC/ST optional , DC12-48V

➢ Packing List

- Industrial Ethernet switch IES415-2F series (plus terminal block)×1
- User manual ×1
- DIN-Rail fittings ×1