



IES215 Series

DIN-Rail Mounting

5-port 100M Layer 2 Unmanaged Industrial Ethernet Switch

- Support 5 optional 100M fiber or copper ports
- Support 12~48VDC power supply input
- Support -40~75°C wide operating temperature range



Industrial Grade

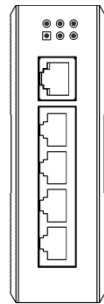
Introduction

IES215 series are 5-port 100M layer 2 unmanaged industrial Ethernet switches. This series include three types of products and provide 100M copper ports, 100M fiber ports. It adopts DIN-Rail mounting to meet the requirements of different application scenes.

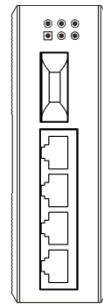
Hardware adopts fanless, low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in smart grid, rail transit, smart city, safety city, new energy, aerospace, intelligent manufacturing, military project and other industrial fields.

Dimension

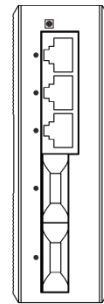
Unit:mm



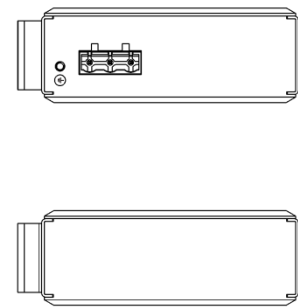
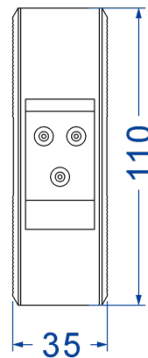
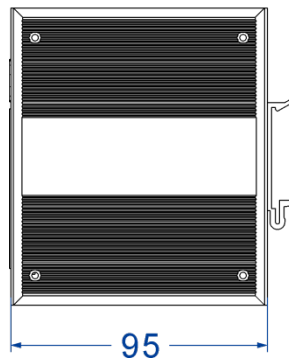
IES215



IES215-1F



IES215-2F



Specification

Standard & Protocol

IEEE 802.3 for 10Base-T
IEEE 802.3u for 100Base-TX and 100Base-FX

Interface	Copper port: 10/100Base-T(X), RJ45, Automatic Flow Control, Full/half Duplex Mode, MDI/MDI-X Autotuning Fiber port: 100Base-FX, SC/ST/FC optional		
LED Indicator	Port Indicator, Power Supply Indicator		
Switch Property	Transmission mode: store and forward MAC address: 2K Packet buffer size: 1Mbit Backplane bandwidth: 1.6G Switch time delay: < 10μs		
Power Requirement	12~48VDC, 3-pin 7.62mm pitch terminal blocks Support nonpolarity, reverse polarity protection		
Power Consumption	Model	No-load (@24VDC)	Full-load (@24VDC)
	IES215	0.41W	1.20W
	IES215-1F	1.13W	1.97W
	IES215-2F	1.92W	2.59W
Environmental Limit	Operating temperature range: -40~75°C Storage temperature range: -40~85°C Relative humidity: 5% ~ 95% (no condensation)		
Physical Characteristic	Housing: IP40 protection, metal Installation: DIN-Rail mounting Dimension (W x H x D): 35mm×110mm×95mm Weight: ≤370g		
Industrial Standard	IEC 61000-4-2 (ESD), Level 4 <ul style="list-style-type: none"> Air discharge: ±15kV Contact discharge: ±8kV IEC 61000-4-4 (EFT), Level 3 <ul style="list-style-type: none"> Power supply: ±2kV Ethernet interface: ±1kV IEC 61000-4-5 (Surge), Level 4 <ul style="list-style-type: none"> Power supply: common mode ±4kV, differential mode ±2kV Ethernet interface: ±4kV Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6		
Certification	CE, FCC, RoHS		
Warranty	5 years		

Ordering Information

Available Models	100M Fiber Port	100M Copper Port	Power Supply Range
IES215	-	5	12~48VDC
IES215-1F	1	4	
IES215-2F	2	3	



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