



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 input
- Support -40~75°C wide operating temperature range



Industrial Grade

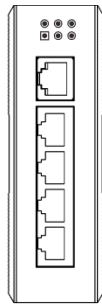
Introduction

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.

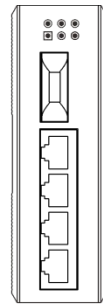
Hardware adopts fanless, low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in smart grid, rail transit, smart city, safety city, new energy,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

Dimension

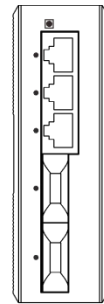
Unit:mm



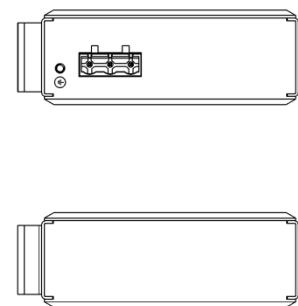
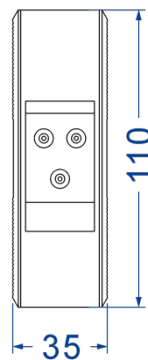
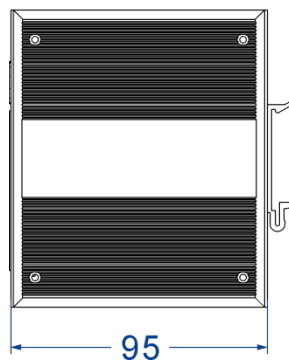
IES215



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	<p>IEC 61000-4-2 (ESD) , Level 4</p> <ul style="list-style-type: none"> ● Air discharge: ±15kV ● Contact discharge: ±8kV <p>IEC 61000-4-4 (EFT), Level 3</p> <ul style="list-style-type: none"> ● Power supply: ±2kV ● Ethernet interface: ±1kV <p>IEC 61000-4-5 (Surge), Level 4</p> <ul style="list-style-type: none"> ● Power supply: common mode ±4kV, differential mode ±2kV ● Ethernet interface: ±4kV <p>Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6</p>		
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	



Address: 3/B, Zone 1, Baiwangxin High Technology Industrial Park, Song Bai Road, Nanshan District, Shenzhen, 518108, China

TEL.: +86-755-26702668 ext 835 FAX: +86-755-26703485

E-mail: ics@3onedata.com

Website: www.3onedata.com

◀ [Please scan our QR code for more details](#)

*Product pictures and technical data in this datasheet are only for reference. Updates are subject to change without prior notice. The final interpretation right is reserved by 3onedata.