MES2105B-2F

5-Port Layer 2 100M Unmanaged Embedded Industrial Ethernet Switch



- Support 2*100M fiber ports and 3x100M copper ports, providing users with flexible networking methods
- Fiber port supports SC/FC/ST connectors, single-mode/multi-mode, wavelength, and transmission distance are optional.
- 10/100Base-(Tx) ports support full/half duplex and auto MDI/MDI-X connections
- Support DC9~24V power input and complies with intrinsically safe circuit design standards
- Support -40°C~+85°C operating temperature











Product Description

MES2105B-2F is a 5-port Layer-2 100M unmanaged embedded industrial Ethernet switch for industrial communication network applications. It meets intrinsically safe design requirements. This series of products supports 2x100M fiber ports and 3x100M copper ports. It supports DC5~32V input voltage. The power supply supports anti-reverse connection, slow start, overcurrent and overvoltage protection, and adopts embedded Installations to meet the needs of various network sites. Each 100M copper port has 10/100M adaptive function, supports full-duplex or half-duplex mode, and can automatically perform MDI/MDI-X connection, making industrial communications smoother and more efficient. The hardware adopts fanless, intrinsically safe, wide-temperature design, compact size, selected industrial-grade components, which supports -40~+85°C operating temperature. The power supply meets the requirements of intrinsically safe circuit design standards and has passed strict safety regulations and EMC tests to meet the application requirements of harsh industrial environments. Products can be widely used in industrial automation, integrated energy, intelligent transportation, smart cities, smart mines and other fields.



□ = Specification

Interface	Laborate and the state of the s				
Processing Type	Store-and-Forward				
Backplane Bandwidth	1Gbps				
Buffer Size	96KB				
MAC Table Size	2K				
Interface					
100M Fiber Port	2/100Base-FX fiber port Supports SC/FC/ST connectors Single-mode/multi-mode, wavelength, and transmission distance are optional				
100M Copper Port	3*10/100Base-T(X) adaptive copper ports, supports full/half duplex, auto MDI/MDI-X connections				
Status LED	Power supply status LED Interface status LED Support external export of status LED signal				
Power Supply					
Input Voltage	DC5~32V				
Power Consumption	<1.95W@DC12V				
Connection	2-pin 5.08mm pitch terminal blocks				
Physical Chara	acteristics				
Dimensions	114×68×13.6mm				
Installations	Embedded installation				
Weight	About 71.5g				
Working Environment					
Operating Temperature	-40℃~+85℃				
Storage Temperature	-40℃~+85℃				
Relative Humidity	5%~95%(non-condensing)				



Specification

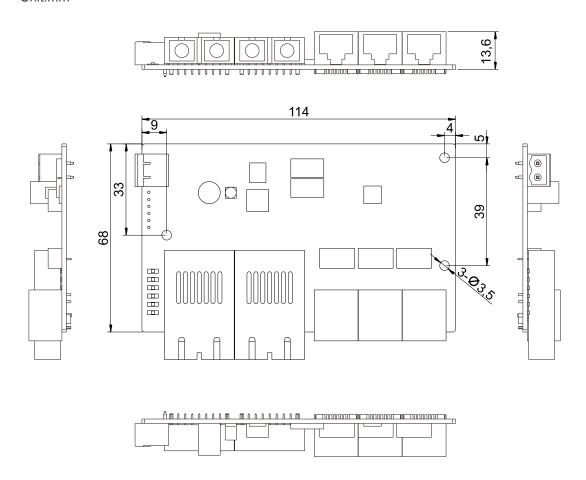
Industrial Standard

Certification CE, FCC, RoHS



Dimensions

Unit:mm





Ordering Information

Standard Model	100M Fiber Port	100M Copper Port	Input Voltage
MES2105B-2F(M/S)	2	3	DC5~32V



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