Industrial Ethernet Switch   multicomp PRO

Features

- Support 10/100M electrical port adaptive, full/half duplex auto-negotiation mode
- Support 100M SC/FC/ST/LC interface fiber port, support single/dual fiber transmission - Optional
- Support IEEE802.3az energy saving technology
- Support IPv6 protocol
- Power input polarity protection design, no need to worry about wrong operation
- Metal shell, fan-less design
- Installation method: DIN rail installation/wall mounting
- 8KV surge protection, safer outdoor use

Specifications

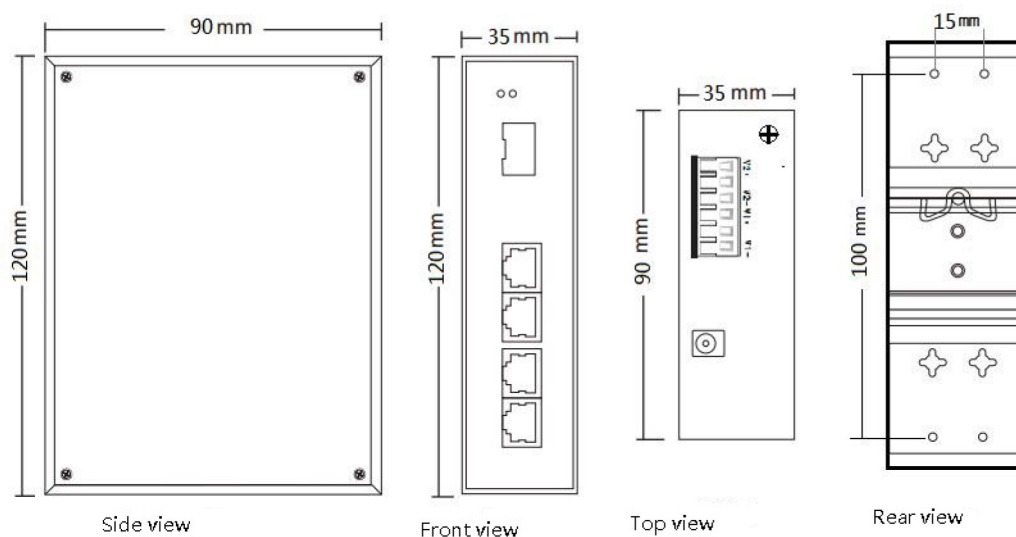| Parameter	
Exchange performance	Delay: < 7µs Backplane bandwidth: 5 Ports:1.25Gbps 8 Ports:2Gbps
Forwarding mode	Store-and-forward & pass-through (full/half duplex mode)
MAC address	4K
Maximum frame	2K Bytes
Cache	5 Ports:512Kbits/ 8 Ports:1M
Ethernet standard	IEEE802.3 IEEE802.3u IEEE802.3z IEEE802.3ab IEEE802.3x IEEE802.3az IEEE802.3ah IEEE802.1X IEEE802.1Q
Transmission distance	
SFP interface	Optical module optional
RJ45 electrical port transmission distance	100m (Use standard CAT5/CAT5e cables)
Power	
Power supply current	0.2/0.1A
Operating voltage	DC 9-56V, AC 15-40V
Overvoltage protection	supported
Power reverse	supported
Power consumption	Full load <15W
POE - Optional	
POE line order	1/2(+), 3/6(-)End jumper
POE power	Single port maximum 30W
POE standard	IEEE 802.3af/at, PSE

Dimensions : Millimetres

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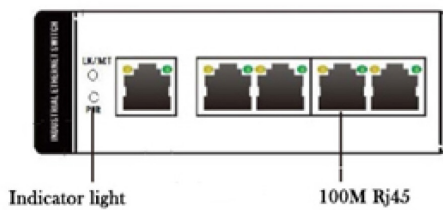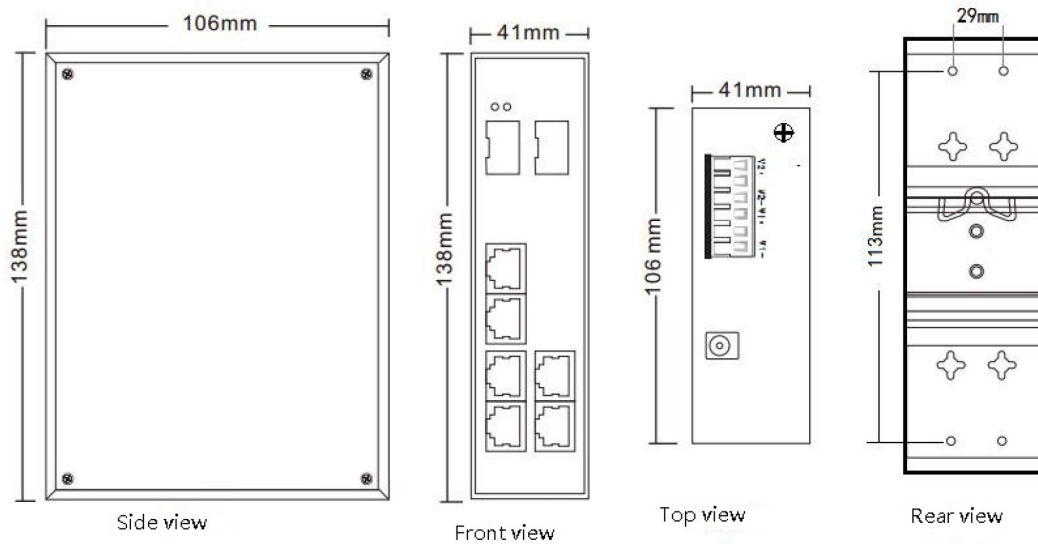| Physical characteristics	
Material	Metal material
Cooling method	Natural cooling, fan-less design with finned case
Installation size	5 ports 120mm x 90mm x 35mm (L x W x H) 8 ports 138mm x 106mm x 41mm (L x W x H)
Installation method	DIN rail/wall mounting
Weight	300g
Environmental requirements	
Operating temperature	-40°C to 75°C
Relative humidity	5% to 90% (No condensation)
storage temperature	-40°C to 85°C
Guarantee	
Mean time between	500,000 Hrs.
Warranty	5-year warranty and lifetime maintenance
Certification standards	
EMI	FCC Part 15 B Class A, EN 55022 Class A
EMS	EN61000-4-2(ESD), EN61000-4-3(RS), EN61000-4-4(EFT), EN61000-4-5(Surge), EN61000-4-6(CS), EN61000-4-8, EN61000-4-11
Impact	IEC60068-2-27
Drop	IEC60068-2-32
Security Level	EN60950-1

Product Size: 5 Ports for 10/100 Base

Side view   Front view   Top view   Rear view

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Product Size: 8 Ports for 10/100 Base

Side view Front view Top view Rear view

Indicator light 100M Rj45

100Mbps 5-Port

Indicator light SFP Optical Port (Optional) 100M Rj45
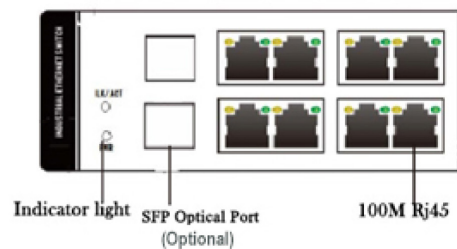
100Mbps 8-Port

Indicator light definition

Indicator Status Description	Indicator Status Description	Indicator Status Description
Power indicator: PWR	Always on	Normal
	Always off	No power
Optical port indicator: LK/ACT (Optional)	Always on	Optical connection is normal
	Flashing	Optical port has data transmission
	Always off	Optical port is not connected
Electric port indicator	Always on	The electrical connection is normal
	Flashing	Data transmission via electrical port
	Always off	The electrical port is not connected

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Part Number Table

Description	Part Number
Ethernet Switch, 16 Ports, 10/100Mbps, DIN Rail Mount	MP011442
Ethernet Switch, 5 Ports, 10/100Mbps, DIN Rail Mount	MP011440
Ethernet Switch, 8 Ports, 10/100Mbps, DIN Rail Mount	MP011441

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