



Industrial switch

1*100Base-Fx, 2* 10/100Base-T

Features

- Input Voltage: DC10~58V (Redundant)
- Operating Temperature: -30°C~ +75°C
- Case: IP40 protection, fan-less design
- Anti-static level: 8KV-15KV
- MTBF: 100000 Hours

Description

The Ethernet switch uses store-forward architecture, fan-less and energy-saving design. The design complies with the Ethernet standard with lightning and anti-static protection. They apply to the wide range of operating temperature from -30° C to +75°C with stable and reliable performance. They can be widely applied to various broadband data transmission fields, such as intelligent transportation, Telecommunications, security, financial securities, customs, shipping, power, water conservancy and oil fields.

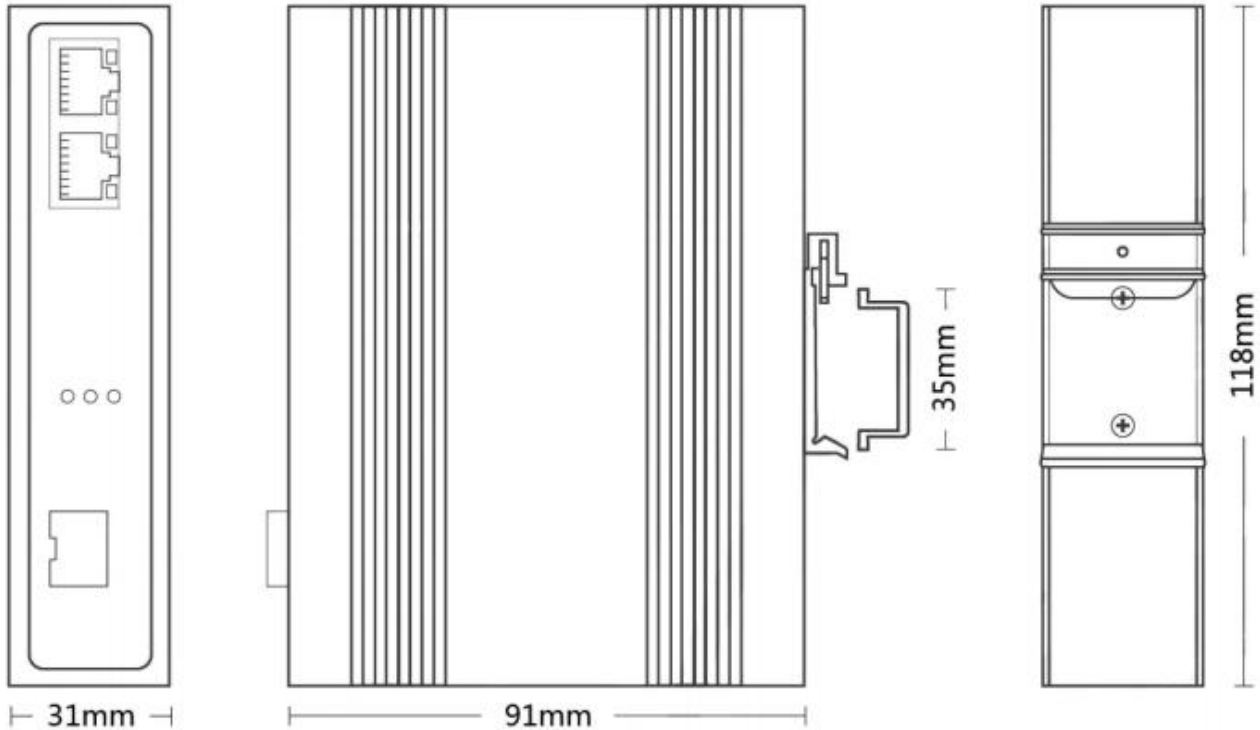


Specification

Port	Fiber	1*100 Base-X
	RJ45	2*10/100 Base-T
	Power	Phoenix terminal blocks, redundant
Distance	Twisted-pair	0-100meter
	Single mode Optical Fiber	0~120km
	Multi-mode Optical Fiber	2km
Fiber	Wavelength	Dual fiber 1310nm, 1550nm Single fiber 1310/1550nm, 1490/1550nm
	Connector	SC(default)/FC/ST/LC
Networking	Star/Bus/Tree Topology	Support
	Scale	Non-limitation
Power	Input Voltage	DC10-58V
	Power Consumption	<5W
POE (Optional)	Port	2
	Protocol	IEEE802.3af/at
	Power	15.4W/25.5W
	PoE Lines	End-span(12+,36-); Mid-span(45+,78-) optional

Layer 2	Switching Capacity	1G
	Packet Forwarding Rate	0.744Mpps
	MAC Address Table	1K
	Buffer	512K
	Forwarding Delay	<3us
	RJ45 Port	Twisted-pair, adaptive
	Traffic Control	Support
Mechanical Structure	Installation Method	Din-rail
	LED Indicator	PWR,Link/ACT
	Case	Fan-less, natural cooling
	Dimension	118*91*31mm
	Weight	0.36kg
Working Environment	Operating Temperature	-30°C~+75°C
	Storage Temperature	-40°C~+85°C
	Relative Humidity	5%~95% (non-condensing)
	MTBF	100,000 Hours
Protection Level	IP Level	IP40
	Power -Surge Protection	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
	Ethernet Surge Protection	IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
	EMI	CLASS A
	ESD	IEC 61000-4-2 Level 4 (8K/15K)
	Free-drop	0.5meter
	Anti-static	8KV-15KV

Structure and Dimension



Order Information

10/100M 1 Fiber and 2RJ45 (-30~759C, IP40, Din Rail Mounted, 10~ 58V)	
ETU-412SM-25	1Dual Fiber+2RJ45, SM 1310nm, 25km, SC
ETU-412SM-25A	1Single Fiber+2RJ45, SM 1310/1550nm, 25km, SC
ETU-412SFP-FE	1SFP+2RJ45, excluding SFP
ETU-412SMP-25	2POE IEEE802.3af/at+1Dual Fiber, SM 1310nm, 25km, SC
ETU-412SMP-25A	2POE IEEE802.3af/at+1Single Fiber, SM 1310/1550nm, 25km, SC
ETU-412SFPP-FE	2POE IEEE802.3af/at+1SFP, excluding SFP