ELOS-F5-16TX

MAIN FEATURES

16*10/100Base-T
Unmanaged Industrial Switches

Input Voltage: DC 12-58V

Operating Temperature: -30℃ ~ +75℃

Shell: IP40 protection, fanless design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV

MTBF: 100000 Hours

PRODUCT DESCRIPTION

This device 16*10/100Base-T Industrial Ethernet Switches. Through the fanless heat dissipation circuit design, wide range of working environment temperature, high protection level and other technologies, it provides excellent industrial quality with high/low temperature resistance and lightning protection, and enhances the reliability and safety of industrial networks. The device 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.

PRODUCT PARAMETERS

Provider Mode Ports	
Fixed port	16*10/100ase-T
Power interface	Phoenix terminal, dual power supply
LED Indicators	PWR , Link/ACT LED

Cable Type & Transmission Distance	
Twisted-pair	0-100m（CAT5e,CAT6）
Monomode optical fiber	/
Multimode optical fibre	/

Network Topology	
Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support

Electrical Specifications	
Input voltage	DC12-58V
Total Power consumption	<10W

Layer 2 Switching	
Switching capacity	32G
Packet forwarding rate	23.8Mpps
MAC address table	8K
Buffer	2M
Forwarding delay	<10us
MDX/MIDX	Support
Jumbo frame	Support 10K Byte

Environment	
Operating temperature	-30℃～+75℃
Storage temperature	-30℃～+75℃
Relative humidity	10%~90%（non-condensing）

Thermal methods	Fanless, natural cooling
MTBF	100,000 hours

Mechanical Dimensions

Product size	143X104X46mm
Installation Method	DIN-rail
Weight	About 0.5KG

EMC & Ingress Protection

IP Level	IP40
Surge protection of Power	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
Surge protection of Ethernet port	IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
ESD	IEC 61000-4-2 Level 4 (8K/15K)

Authentication

Authentication	CCC/CE/FCC/RoHS

Accessories

Accessories	Device, Terminals, Specification, Certificate Adapter(optional)

SIZE AND APPEARANCE

Front view   Side view   Back view   Top view

仰视图

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automation