

Compact size 5*10/100/1000Base-TX

Unmanaged Industrial Ethernet Switch

DK3110I-5T-M



Features

- 5*10/100/1000Base-TX RJ45 ports
- DC 12~36V input, redundant power supply with polarity reverse/over-voltage protection
- Support 10K Bytes Jumbo frame
- Support 4KV surge protection and ESD: Air-15kV, Contact-8kV Protection
- IP40 fan-less and Din-rail hardware design
- Operation temperature: -40°C ~+75°C

Overview

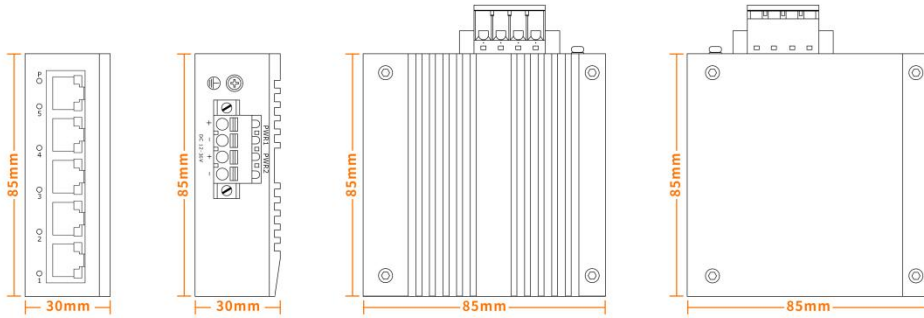
The DPTEK DK3110I-5T-M is the compact size unmanaged industrial grade Ethernet switch with 5-port 10/100/1000Base-TX RJ45. It is also a high cost-effective easy-to-use device, which provides essential industrial Ethernet networking function, such as wide range power input 12-36VDC, redundant power design with polarity reverse/over-voltage protection, robust IP40 fan-less housing with Din-rail installation, wide operation temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. It is the best choice for heavy industrial field where installation space are limited and restricted.

Technical specification

Model No.	DK3110I-5T-M			
Interface	Fiber port	Copper RJ45 ports		
	0	5		
Ethernet	5*10/100/1000Base-T RJ45 ports			
Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet			
LED Indicators	P(Power indicator) Green	Off: the device is power off or failed		
		On: the device power on is normal		
	1-5 (Copper ports)	Green indicators	Yellow indicators	
		Off: ports link down	Off: port speed is 10/100M	
		On: ports link up	On: port speed is 1000M	
		Blinking: data on TX/RX		
Power parameters				
Input voltage	12-36VDC, redundant power input			
Input current	0.5A Max			
Total power consumption	Full loading ≤4W			
Connector	Removable 4-pin terminal block			
Reverse polarity protection	Support			
Over-voltage protection	Support			
Switching features				
Switching capacity	10G			
Packet forwarding rate	7.440Mpps			
MAC address table	2K			
VLAN	4K			
Buffer	2K			
Forwarding delay	<5us			
Jumbo Frame	Support 2Kbytes			

MDX/MIDX	Support
Watchdog	Support
Network Topology	
Star topology	Support
Bus topology	Support
Tree Topology	Support
Mechanical structure	
Case protection	IP40
Installation method	Din-rail
Dimension(W*D*H)mm	30*85*85mm
Weight	0.4 kg
Operating environment	
Operating temperature	-40°C~+75°C
Storage/transportation temperature	-40°C~+85°C
Relative humidity	5%~95% (non-condensing)
Industrial Standard	Surge protection of power: IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
	Surge protection of Ethernet ports: IEC 61000-4-5 Level 3 (4KV/2KV) (10/700us)
	DIP: IEC 61000-4-11 Level 3 (10V)
	ESD: IEC 61000-4-2 Level 4 (8K/15K)
	Shock: IEC 60068-2-27
	Free fall: IEC 60068-2-32
	Vibration: IEC 60068-2-6
Certification	CE/FCC/RoHS
Warranty	5 years

Structure diagram



Order information

Model	Description
DK3110I-5T-M	Compact size 5-port 10/100/1000Base-TX RJ45 unmanaged industrial Ethernet switch, DC12-36V input, redundant dual power supply. Operation temperature: -40°C~+75°C