Winsonic®

NE10005-008423

IP65 10*1GE Copper Unmanaged PoE++ Industrial Switch

Product Features

- 10*10/100/1000Base-T M12 Xcoded female copper ports
- 8 downlink Gigabit copper ports support PoE/PoE+/ PoE++, compatible with IEEE 802.3af/at/bt standards
- Each PoE/PoE+/PoE++ port can supply up to 15W/30W/90W
- Lightning surge Protection: 6KV common mode/2KV differential mode for network port, 4KV common mode/2KV differential mode for power port

Product Overview

NE10005-008423 is a 10 port fully gigabit unmanaged industrial Ethernet switch designed specifically for railway transportation. This product meets the industry standard requirements of EN50155 and the IEEE 802.3af/at/bt protocol standard.

Product Specifications

Series	NE10005-008423 12/24/36V	
Ports	10 * 10/100/1000 Base-T(X) M12 X coded female copper Ethernet ports Automatic detection, full/half duplex MDI/MDI-X self adaptive	
	1 * M12 A coded male power input port, dual power redundancy	
Ethernet Standards	IEEE 802.3: 10Base-T Ethernet; IEEE 802.3u: 100Base-TX Fast Ethernet; IEEE 802.3ab: 1000Base-T Gigabit Ethernet	
Compliance	EN50155	
MTBF	300,000 hours	
Warranty	3 years	
Industry Standards	EMI	FCC Part 15 Subpart B Class A,EN 55022 Class A
	EMS	IEC(EN)61000-4-2(ESD): ± 8kV touch discharge, ± 15kV air discharge
		IEC(EN)61000-4-3(RS): 10V/m(80～1000MHz)
		IEC(EN)61000-4-4(EFT) : power cable: ±4kV Data cable: ±2kV;
		IEC(EN)61000-4-5(Surge) : power cable: ±2kV CM/±4kV DM ; Data cable: ±2kV CM/±6kV DM ;
		IEC(EN)61000-4-6(Radio frequency conduction) : 3V(10kHz~150kHz),10V(150kHz~80MHz)
		IEC(EN)61000-4-16(Common-mode conduction) : 30V cont. 300V,1s
		IEC(EN)61000-4-8
	Shock	IEC 60068-2-27
	Freefall	IEC 60068-2-32
	Vibration	IEC 60068-2-6

Switching Parameters	
Transmission Method	Store and forward
Backplane Bandwidth	20G
MAC capacity	16K
Switching Latency	<10μs
Cache	2 Mbit
Power Consumption	<5W(standby), <205W(full load)
Working Temperature	
Working Temperature	-40~80°C(-40~176°F)
Storage Temperature	-40~85°C(-40~185°F)
Relative Humidity	5%~95% without condensation
PoE Features	
PoE Standards	IEEE802.3af/ IEEE802.3at/ IEEE802.3bt
PoE Ports	8 ports supports PoE/PoE+/PoE++, automatically detects the standards of devices like IEEE802.3af , IEEE802.3at and IEEE802.3bt
Output Power	IEEE 802.3af: max. 15.4W/port
	IEEE 802.3at: max. 30W/port,
	IEEE 802.3bt: max. 90W/port,
	Max. PoE budget: 200W@DC36V input (normal temp.); 120W@DC24V input (normal temp.); 60W@DC12V input (normal temp.)
POE Priority	When power >max. Power(different input has a max. Power in accordance with that input), PoE priority: port No.8>port No.7>port No.6 and so on
Power Parameters	
Input Voltage	DC12~36V
Power Protection	Supports dual power supply redundancy Supports reverse polarity protection
Power Cable Requirement	Suggest to adopt the M12 cable with rated current≥6A, for wire order, please refer to the PVC label on the switch.
Mechanical Features	
Shell	IP65, aluminum enclosure
Installation Method	Wall mounted
Cooling Method	Natural cooling, fanless
Weight	1.13kg

Size	186 x 121 x 30mm
LED Indication	
Power Indicator	PWR
Interface Indicator	Copper ports(Link/ACT)

Appearance and Dimension

Size: 186 x 121 x 30mm