DIN-RAIL INDUSTRIAL ETHERNET SWITCH

DESCRIPTION

The PA1605R is a high-performance Ethernet Switch with 5 x10/100/1000TX RJ45 Copper ports, which meets the high reliability requirements demanded by industrial rolling stock applications. It provides L2 wire speed for network aggregation deployment. For more usage flexibilities, PA1605R supports wide operating temperature from -40~75℃.

FEATURES

- Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z
- Provide 5 10/100/1000TX RJ45 Copper ports
- High back-plane bandwidth 10Gbps
- IEEE802.3x Flow control
- Surge protection for power port and data ports
- Wide power input: 12~57VDC
- Wide working temperature: -40~75℃
- IP30 Aluminum case
- 200,000 hours MTBF (Parts count reliability prediction)
- EN50155 Standard Certified for Railway & Trackside Applications

SPECIFICATIONS

ATTRIBUTES

Networking Interfaces	5 10/100/1000M RJ45 Copper ports.
LED Indicators	Power, Link/Act
Copper Cable	
10Base-T	2-pair UTP/STP Cat. 3,4,5/5E,6 cable EIA/TIA-568 100-ohm (100m)
100Base-T	2-pair UTP/STP Cat. 5/5E,6 cable EIA/TIA-568 100-ohm (100m)
1000Base-T	4-pair UTP/STP Cat. 5E,6 cable EIA/TIA-568 100-ohm (100m)
PERFORMANCE	
Switching Capacity	10 Gbps
Forwarding Capacity	7.44 Mpps
Forwarding Mode	Store and forward
Packet Buffer Memory	1 Mbit
MAC Address Table	8K
PoE Budget	120W
PHYSICAL	
Dimensions	103x78x32mm
Weight	1.41 lbs
Operating Temperature	-40 to 75℃
Storage Temperature	-40 to 85℃
Operating Humidity	5 to 95% Noncondensing
Power Method	12-57VDC
Max. Power Consumption	5W
EMC Safety	FCC, CE, RoHS
PACKAGE LIST	
Industrial Ethernet Switch	1pcs
User Manual	1pcs

PRITECH AUTOMATION PRIVATE LIMITED

ISO 9001:2015