Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

5 Port Industrial Ethernet Switch
with 4 25W High Power PoE Ports
EIRHP305-T

PRODUCT FEATURES

- Five 10/100 Base-T Ethernet ports
- Class 1/Division 2
- Four 25 W high powered 802.3af end-point PoE ports
- Dual 48 VDC power inputs
- Wide operating temperature (-40 to 75°C)
- DIN Rail or Panel Mount

The EIRHP305-T is a five Port Unmanaged Industrial Ethernet Switch with four 802.3af (Alternative A) end-point Power-Over-Ethernet injector ports. As power sourcing equipment (PSE), these ports can be used to power 802.3af compliant powered devices (PD). This eliminates the need for a separate power line to each end device.

High-Speed Transmissions: The EIRHP305-T includes a switch controller that automatically senses transmission speed (10/100 Mbps). The RJ-45 interface also auto-detects MDI or MDI-X, eliminating the requirement for a crossover cable. Each port is buffered and supports store-and-forward protocol.

Dual Power Input: To reduce the risk of power failure, the EIRHP305-T provides two 48 VDC power inputs. If the power fails, the switch will automatically use the secondary power input. Also, if the power goes out the corresponding P1 or P2 LED will go out and the Fault LED will light. The contacts for the alarm output will also open.

Flexible Mounting: The switch features a space saving IP30 metal enclosure that can be DIN or Panel mounted.

Wide Operating Temperature: With an operating temperature of -40 to 75°C (-40 to 167°F), this switch is suitable for use in some of the harshest industrial environments that exist.

Easy Troubleshooting: There are two LED indicators for each port that display the link status and transmission speed. Three LED indicators for power (P1, P2 and Fault) show power status. FWD LED's for each PoE port indicate if the switch is providing power to the end-point device. These indicators allow you to quickly diagnose and correct problems and ensure your network remains reliable.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
EIRHP305-T	5 Port Industrial Switch (4 - 25 Watt PoE Ports)

ACCESSORIES

SDR-240-48 - DIN Rail Power Supply, 10A, 240W, 48V
ERS35 - DIN Rail 1 Meter 35 mm Steel
C5UMB3FBL - 3 ft. (1 M) - Blue - Category 5e UTP Patch Cord

5 Port Industrial Ethernet Switch with 4 25W High Power PoE Ports

EIRHP305-T

SPECIFICATIONS

INTERFACE

RJ-45 Ports	5 x 10/100BaseT, Auto MDI/MDI-X
ESD Protection	6000V ESD Protection
PoE	802.3af End-point Alternative A (4 Ports) Positive (VCC+): Pins 1 and 2 Negative (VCC-): Pins 3 and 6 Data: Pins 1, 2, 3, and 6
LED Indicators	P1: (Power 1 Green) P2: (Power 2 Green) P-Fail: (Red) RJ-45: Ports have 2 LED's to indicate LINK / Activity (Green), Full duplex/collision.(Amber) PoE: Feeding Power (Green)

POWER

Input Voltage	Dual 48 VDC Inputs Reverse Polarity Protection
Power Connection	Removable Terminal Block
Wire Size	12 to 24 AWG
Power Use	110 Watts (full load PoE)
Fault Output	1 Relay Output – Normally Closed
EFT Protection	3000 V EFT Protection

ENVIRONMENTAL

Operating Temperature	- 40 to 75°C (-40 to 167°F)
Storage Temperature	- 40 to 85°C (-40 to 185°F)
Operating Humidity	0 to 95%

MECHANICAL

Enclosure	IP30 Metal Enclosure
Mounting	35 mm DIN Rail or Panel Mount Attachments
Dimensions	48.6 x 95 x 140 mm (1.91 x 3.74 x 5.51 in)

REGULATORY

Approvals	FCC, CE, UL UL File Number: E173795
Hazardous Locations	UL/cUL Class I, Division 2, Groups A, B, C and D
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6

SPECIFICATIONS

IEEE Standards

IEEE 802.3	802.3. 10Base-T Ethernet
IEEE 802.3u	100Base-TX and 100Base-FX Fast Ethernet
IEEE 802.3x	Flow Control and Back Pressure
IEEE 802.3at	Power Over Ethernet

NETWORK SPECIFICATIONS

Architecture	Back-plane (Switching Fabric): 1.0 Gbps
Transfer Rate	14,880 pps Ethernet Port 148,800 pps Fast Ethernet Port
Buffer	56 K bytes
MAC Table	2K
Other	Broadcast Storm Filtering CSMA/CD