



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!



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Industrial High Power PoE Splitter for 10/100/1000T

EPSG202



PRODUCT FEATURES

- Supports 10/100/1000T for PoE in and data out
- Power isolation and short circuit protection for power output
- Auto disconnection for over power voltage input
- Supports Output power up to 25W at 24VDC
- Temperature - 40°C to 75°C
- IP-30 protection
- DIN rail or panel mount
- Provides EFT protection 3,000VDC for power line
- Supports 6,000 VDC Ethernet ESD protection

The Industrial Power over Ethernet Splitter receives a unified PoE signal (data and power) via UTP/STP cable, and then separates the data from the power. The power is applied to two different outputs for non PoE devices which are not compliant with the IEEE802.3af standard.

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
EPSG202	Industrial PoE Splitter for 10 /100/1000T High Power PoE

ACCESSORIES

MDR-60-48 - DIN Rail Power supply 48VDC, 60W

ERS35 - DIN Rail 1 Meter 35 mm Steel

C5UMB3FBL - 3 ft. (1 M) - Blue - Category 5e UTP Patch Cord

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SPECIFICATIONS

IEEE STANDARD COMPLIANCE

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 802.3af	Power Over Ethernet

INTERFACE

Connector	Data and power in: 1 x RJ-45. Data pin 1, 2, 3, 6, 4, 5, 7, 8 Power pin: 4,5(V+), 7,8(V-) or 1,2(V+), 3,6(V-) Data out: 1 x RJ-45, Data pin 1, 2, 3, 6, 4, 5, 7, 8 Power out: 1x 6 pin Terminal Block
ESD Protection	6000V ESD Protection
LED Indicators	System Power (Green)

REGULATORY

Safety	UL / cUL 508 / CE/EN60950-1 CE EN61000-6-2 CE EN61000-6-4 CE EN61000-4-2 (ESD) CE EN61000-4-3 (RS) CE EN61000-4-4 (EFT) CE EN61000-4-6 (CS) CE EN61000-4-8 (Magnetic Field)
EMC	
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6

POWER

Input Voltage	17.6 W @ 48 VDC
Power Output Protection	Power Isolation, Short Circuit Protection
Power Connection	Removable Terminal Block (output power)
Wire Size	12 to 24 AWG
Power Use	30.8 Watts
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	5 to 95% (Non-condensing)

MECHANICAL

Enclosure	IP30 Metal Enclosure
Mounting	35 mm DIN Rail or Panel Mount Attachments
Dimensions	3 cm (W) x 9.5 cm (D) x 14 cm (H) 1.18 x 3.74 x 5.51 inches

MECHANICAL DIAGRAM

