

# Elinx™ EPSG202

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

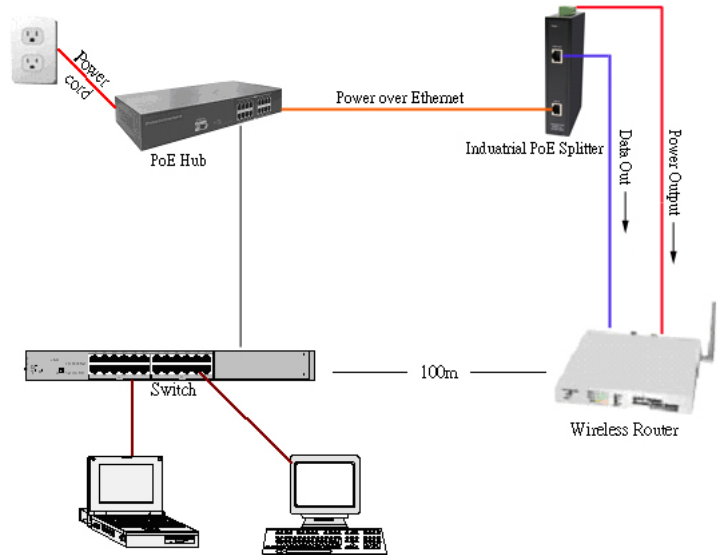
- ✓ Support 10/100/1000T for PoE in and Data out
- ✓ Support Output power up to 25 W at 24 VDC
- ✓ Wide Operating Temperature (-40 to 75C)
- ✓ Power Isolation and Short circuit protection for power output
- ✓ Auto disconnect for over power voltage input
- ✓ Provides EFT protection 3000 VDC for power line
- ✓ Supports 6000 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.

### 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 - 40C to 75C
- ✓ IP-30 Protection
- ✓ DIN Rail and Wall Mount Design
- ✓ Provides EFT protection 3,000V<sub>DC</sub> for power line
- ✓ Supports 6,000 V<sub>DC</sub> Ethernet ESD protection



### Ordering Information

Model Number	Description
EPGS202	Industrial PoE Splitter for 10 /100/1000T High Power PoE
Accessories	
MDR-60-48	48VDC, 60W, 1.25A, DIN Mount Power Supply



## 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
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ESD Protection            6000V ESD Protection

LED Indicators            System Power (Green)

### Power

Input Voltage	44 to 72VDC Inputs
Power Output Protection	Power Isolation, Short Circuit Protection
Power Connection	Removable Terminal Block
Wire Size	12 to 24 AWG
Power Use	30.8 Watts

EFT Protection            3000 V EFT Protection

### Environmental

Op. Temp	- 40 to 75°C (-40 to 167°F)
Storage Temp	- 40 to 85°C (-40 to 185°F)
Op. Humidity	5 to 95% (Non-condensing)

### Mechanical

Enclosure	IP30 Metal Enclosure
Mounting	35mm DIN Rail or Panel Mount Attachments
Dimensions	30mm (W) x 95mm (D) x 140mm (H) 1.18 x 3.74 x 5.51 inches

## Specifications

### Regulatory

<b>Safety</b>	UL / cUL 508 / CE/EN60950-1
<b>EMC</b>	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)
<b>Free Fall Shock Vibration</b>	IEC60068-2-32 IEC60068-2-27 IEC60068-2-6



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