

PoE Splitter / Voltage Converter

Features

- Converts 802.3at/bt PoE input to 24VAC 80W output
- Runs cameras and other high power 24VAC devices from 48VDC PoE and battery systems
- Short Circuit, Over Current and Over Voltage Protection
- High Temperature Operation, DIN Rail Mounting



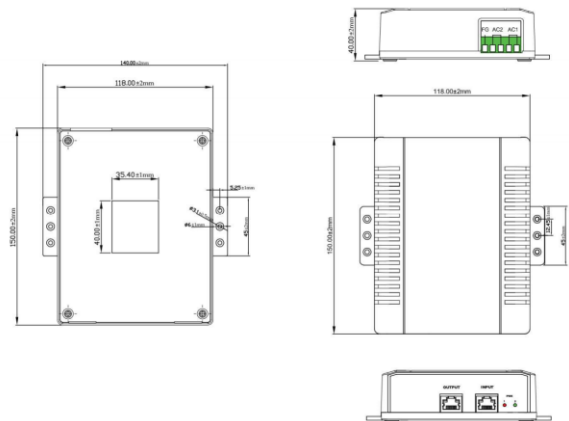
POE-SPLT-4824AC-GBT
PoE Converter/Splitter

Description

The POE-SPLT-4824AC-GBT Active splitters are unique Power over Ethernet adapters which convert a DC PoE input voltage to regulated 24VAC output. The output is provided on a wire terminal connector which accepts up to 12AWG wire. Compatible with Gigabit Ethernet, inputs and outputs are isolated. They have various protections for surge, short circuit, overload and overvoltage. Requires a 4pair PoE input or output can only be 40W. The LED's indicate which pairs are powered. A flashing LED indicates only 2 pairs powered.

Device Pinouts – 10/100/1000MB

RJ-45 Input (Data & Power)			RJ-45 Output (Data)	
Pin	Symbol	Description	Symbol	Description
1	BI_DA+, Vin +/-	Data RX+ / Power(+/-)	BI_DA+	Data RX(+)
2	BI_DA-, Vin +/-	Data RX- / Power(+/-)	BI_DA-	Data RX(-)
3	BI_DB+, Vin +/-	Data TX+ / Power(+/-)	BI_DB+	Data TX(+)
4	BI_DC+, Vin +/-	Data RX+ / Power(+/-)	BI_DC+	Data RX(+)
5	BI_DC-, Vin +/-	Data RX- / Power(+/-)	BI_DC-	Data RX(-)
6	BI_DB-, Vin +/-	Data TX- / Power(+/-)	BI_DB-	Data TX(-)
7	BI_DD+, Vin +/-	Data RX+ / Power(+/-)	BI_DD+	Data RX(+)
8	BI_DD-, Vin +/-	Data RX- / Power(+/-)	BI_DD-	Data RX(-)



Specifications

Output Voltage	24VAC
Output Current	3.34A @24VAC
Output Power	80W with 4 pair PoE input
Output Connector	Wire Terminal (12AWG)
Load Regulation	5%
Line Regulation	1%
POE Input (RJ45)	802.3bt or passive PoE 40 - 60VDC (4 pairs)
Ethernet Speed	10/100/1000MB
Efficiency	85% Min

EMC Standards	FCC Class B NE55022 Class B, CE
Isolation Voltage	1500VDC
Isolation Resistance	100M Ohms Minimum
Operating Temperature	-40 to +70°C (-40 to +158°F)
Operating Humidity (RH)	5% - 90% non condensing
Storage Temperature	-40 to +85°C (-40 to +185°F)
Dimensions (LxWxH)	150 x 140 x 40mm (5.9 x 5.5 x 1.6")
Weight	350g (12oz)
Warranty	3 Years

Ordering: POE-SPLT-4824AC-GBT Gigabit 802.3bt IN, 24VAC 80W + Gigabit Data OUT

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