

**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



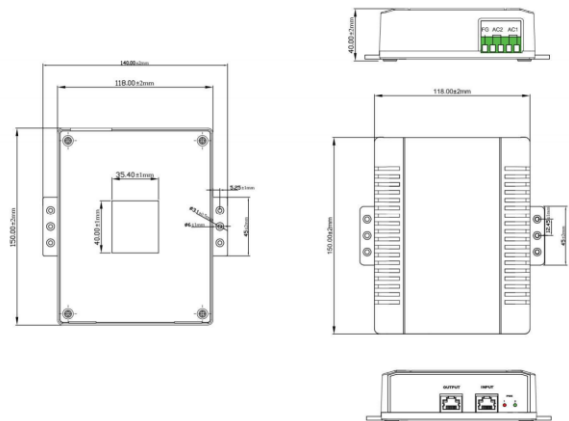
POE-SPLT-4824AC-GBT  
PoE Converter/Splitter

**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**

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

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

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

**For further information contact:**

[tyconsystems.com](http://tyconsystems.com)

