

Dual Out PoE Splitter

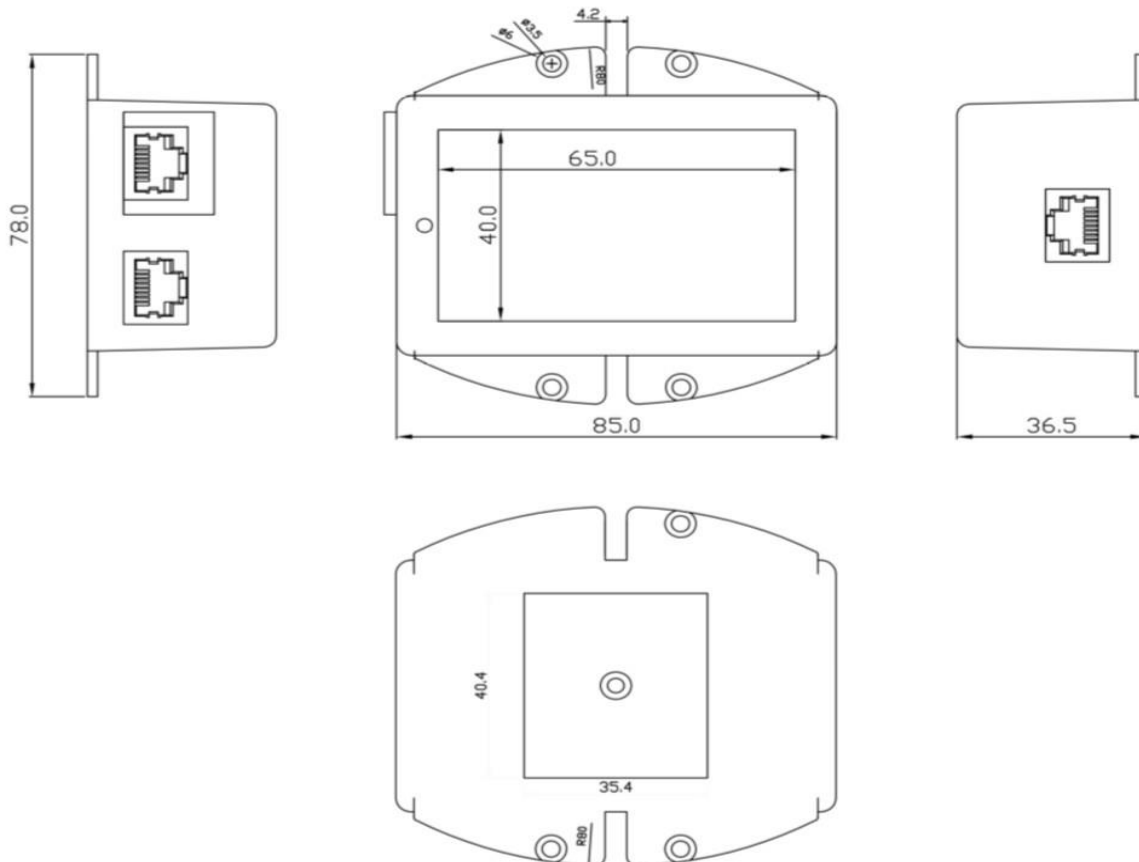
Features

- 802.3at PoE input , 802.3af and Passive PoE outputs
- Gigabit Compatible
- Extended Temperature Range: -40 to +70C
- Short Circuit and Over Current Protection

Description

The POE-SPLT-48G-VUB is an active splitter which accepts an 802.3at Mode A/B or passive PoE (2 or 4 pair) input and provides two PoE outputs. Output 1 is an 802.3af Mode B PoE output with Data and PoE. Output 2 is a 48V Passive PoE Mode B output with PoE only, no data. The splitter is designed to supply power and data to one device and power only to the second device.

It is Gigabit compatible providing speeds to 1000MB. There are various protections for short circuit, overload and low voltage disconnect.



Specifications

POE-SPLT-48G-VUB	
PoE Input	802.3at (Mode A or Mode B) or Passive PoE (2 or 4 pair)
Input voltage	40-60VDC (56V Typical)
PoE Output 1	802.3af PoE (Mode B) (Data & PoE)
PoE Output 2	Passive PoE (Mode B) (PoE Only)
Output Power	16W per port, 32W Max
Output Voltage	Vin – 1 Volt
Load Regulation	5%
Line Regulation	1%
Low Voltage Disconnect	30V
Ethernet Speed	10/100/1000MB (Gigabit Compatible)
LED	GREEN = Output 1 802.3af Detected, RED = No Valid 802.3af client detected
EMC Standards	FCC Class B NE55022 Class B
Protections (auto-recover)	Output Short Circuit, Overload, Input UnderVoltage (30VDC)
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)	85 x 78 x 36mm (3.3 x 3 x 1.4")
Weight	113g (4oz)
Warranty	1 Year

Device Pinouts – 10/100/1000MB

RJ-45 Input (Data & PoE)			RJ-45 Output 1 (Data & PoE)		RJ-45 Output 2 (PoE Only)	
Pin	Symbol	Description	Symbol	Description	Symbol	Description
1	BI_DA+, Vin +/-	Data A+ & PoE(+/-)	BI_DA+	Data A+	NC	NC
2	BI_DA-, Vin +/-	Data A- & PoE(+/-)	BI_DA-	Data A-	NC	NC
3	BI_DB+, Vin +/-	Data B+ & PoE(+/-)	BI_DB+	Data B+	NC	NC
4	BI_DC+, Vin +/-	Data C+ & PoE(+/-)	BI_DC+, Vout+	Data C+ & PoE +	Vout+	PoE +
5	BI_DC-, Vin +/-	Data C- & PoE(+/-)	BI_DC-, Vout+	Data C- & PoE +	Vout+	PoE +
6	BI_DB-, Vin +/-	Data B- & PoE(+/-)	BI_DB-	Data B-	NC	NC
7	BI_DD+, Vin +/-	Data D+ & PoE(+/-)	BI_DD+, Vout-	Data D+ & PoE -	Vout-	PoE -
8	BI_DD-, Vin +/-	Data D- & PoE(+/-)	BI_DD-, Vout-	Data D- & PoE -	Vout-	PoE -

System Ordering:**POE-SPLT-48G-VUB**

Dual Output PoE Splitter, 802.3at Input, 802.3af and Passive PoE outputs

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