

IEEE802.3at/af PD Interface Dual DC Outputs Support Power and Data Splitter SP1321/SP2421

V1.0

Feature:

- 10/100M Support
- Industry-standard package and pin out
- 1500Vrms Input/Output Isolation
- Dual DC Outputs Support
- 2A Second DC-DC Output Capability
- Dimension : 81.2 * 50.8 mm
- IEEE 802.3af interface support (*1)
- IEEE 803.3at interface support (*2)
- For Outdoor AP and IP Cam Application



Note 1: SP1321 with PD1301

Note 2: SP2421 with PD2401S

Model Selection Table: (Primary Isolated DC-DC Module)

Model no.	Input			Output		Efficiency Typical %	Package	External Fuse (A)
	Voltage (Vdc)	Current(mA)		Voltage (Vdc)	Current (mA)			
		No-Load	Full-Load					
SP1321	36-57	20	360	12.5	1050	85	Open frame	0.7
SP2421	36-57	20	690	12.5	2000	85	Open frame	1.25

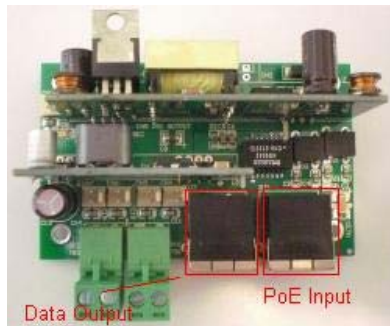
Note: 24V Output Version is also available.

Model Selection Table: (Secondary None-Isolated DC-DC Module)

Model no.	Input			Output		Efficiency Typical %	Package	External Fuse (A)
	Voltage (Vdc)	Current(mA)		Voltage (Vdc)	Current (mA)			
		No-Load	Full-Load					
PD1205	12-24	20	1050	5.0	2000	80	Open frame	No

Note: 3.3V and 9V Output Versions are also available.

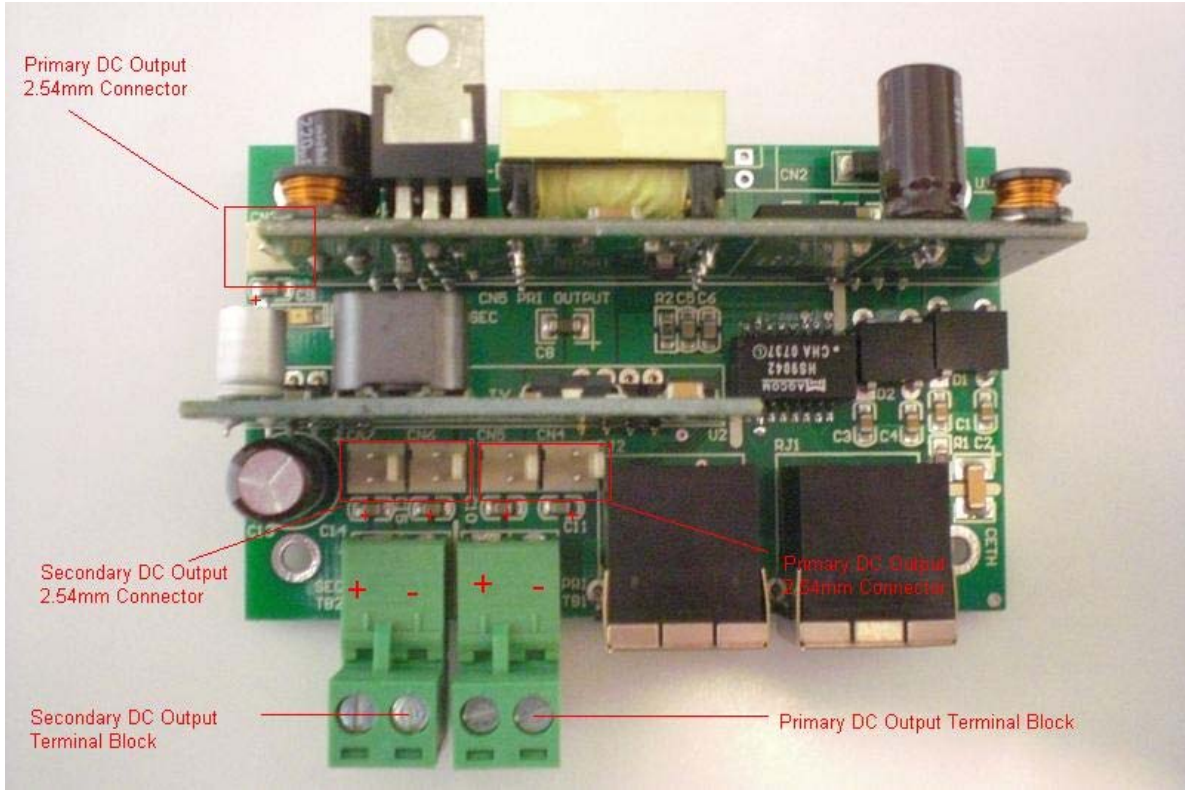
Connector Description:



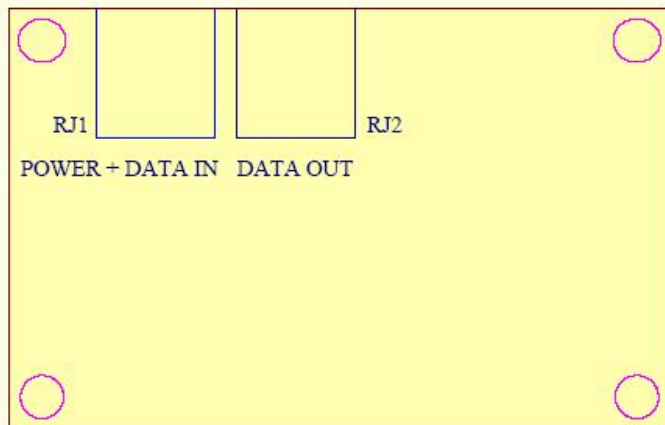
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Power and Data Splitter
SP1321/SP2421**

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Connector Description: Continue



Dimensions : mil \pm 10mil



POE DAUGHTER BOARD SIZE :
3.2" X2"
4 SCREW HOLES
SCREW HOLE SIZE :
DIAMETER 125 mil
4 SCREW HOLES POSITION :
(213,263)
(213,1800)
(2987,263)
(2987,1800) Unit : mil