



PSA1554 Rack accommodating 500-1500W (DC) Up to 3 PSM500 Power Supplies



Features

- Accommodates up to 3 power supplies
- Hot Plug N+ 1

Applications

- Power Over Ethernet
- Telecommunications
- Safety Approvals (per module)
 - CE

Mechanical Characteristics¹

- Length: 437.7mm (17.2in)
- Width: 355.4mm (14.0in)

- 4 individually current limited output to protect wiring
- Network Redundant Power Source
- Servers
- cUL/UL
- Height: 43mm (1.7in)
- Weight: 8.2Kg (18lb.)

Output Specifications

ModelOutputOutput
PowerPSA1554-6051-3 PSM5001 Power Supplies500W-1500W

Note (1): Weight measured with 3 PSM500 units installed.

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PSA1554-605 Characteristics

ENVIRONMENTAL:

Temperature Operation Non-operation Humidity

0 to +40°C -30 to +70°C 8 to 90%

FEATURES:

Rear Panel LED

Red LED illuminates when a fault such as SC or Overload has cause the internal PTC to go high impedance.

Enable/Disable (main 50V/56V)

Non latching – remote on/off pin

Load Sharing

10% at full load

Isolated Diode

Internal O-ring Diode Located on main (-) output section

Output Connector

14 pin Molex p/n 39301140 14 pin Molex p/n39012145 (mating x 4 per rack), pin p/n 39000077 or equivalent

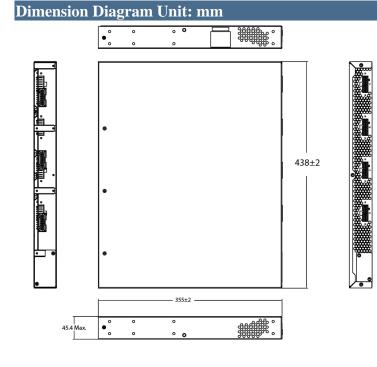
Reference Pin Signal +50V1 2 +50V +50V Return 3 Current Share 4 5 Not Used Not Used 6 Standby 12V 7 +50V 8 +50V Return 9 +50V Return 10 Not Used 11 Not Use 12

*Fault

**Common GND

*Fault: A fault low signal at pin 13 of output connector A,B, or C represents a fault to Module 1,2 or 3. A fault low signal at pin 13 of output connector D represents a global fault to rack.

**Common Ground, standby and Fault



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