

Power supplies

Model number
PS459034A

4.2 amp power supply

This compact general purpose 24 VDC power supply has an innovative DIN rail mounting system that holds even at vibration or lateral pressure. Spring clamp terminals are clearly arranged and user-oriented.

Features

- UL Class I, Division 2 approved
- LED status indication
- Spring clamp terminals

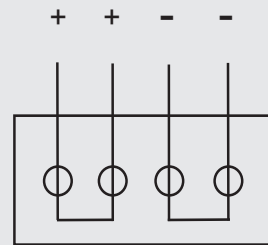


Specifications

Output voltage	24-28 VDC (externally adjustable)
Output current	4.2 amps
Output ripple	50mVpp (max)
Input voltage	100 -120/200-240VAC (selectable)
Input current	2.1A / 1.0A (100VAC / 240VAC)
Efficiency	90.0% (100VAC)
Over voltage protection	36 VDC (max)
Over current protection	Yes
Over temperature protection	Yes
Holdup time	20ms
Area approvals	Class I, Division 2; T4A; groups A,B,C,D
Displays	Power ok, green LED
Operating temperature	-10°C to +70°C (+32°F to +140° F)
Storage temperature	-25°C to +85°C (-13°F to +185° F)
Housing	Non-metallic; DIN rail mounting
Dimensions (L, W, H)	103mm, 73mm, 75mm
Ingress protection	IP20, field enclosure required
Approvals	UL508, UL1950, cULus, CE,
Weight	360g (0.8 pounds)



Schematic drawing



output voltage
24 VDC

input line voltage

