

Power supplies

Model number
PS459036A

3.8 amp power supply

This DeviceNet power supply is designed to provide power to the DeviceNet network and attached devices. This power supply meets all ODVA specifications for use with thick or thin cable. This supply carries the class 2 limited power source rating necessary for installations to meet National Electric Code (NEC) or Canadian Electric Code (CEC) without the need for secondary fusing.

Features

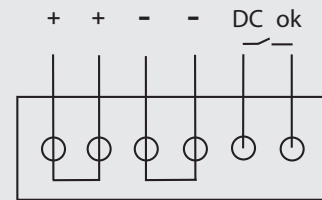
- NEC class 2 and UL class I, Division 2 approved
- Spring clamp terminals
- DC output ok (dry contact)



DeviceNet

Specifications	
Output voltage	24.1 VDC ±0.2%
Output current	3.8 amps
Output ripple	50mVpp (max)
Input voltage	Universal 100 - 240VAC (50-60Hz)
Input current	1.1A / 0.5A (100VAC / 240VAC)
Power factor	0.99 / 0.91 (100VAC / 240VAC)
Efficiency	91.9% / 92.4% (100VAC / 240VAC)
Over voltage protection	29 VDC (max)
Over current protection	4.15 amp (max)
Turn-on time	100ms
Turn-on delay	200ms
Holdup time	44ms
NEC power class	NEC class 2
Area approvals	Class I, Division 2; T4; groups A,B,C,D
Displays	Power OK, green LED Overload, red LED
Operating temperature	-25°C to +70°C (+14°F to +140° F)
Storage temperature	-40°C to +85°C (-40°F to +185° F)
Housing	Al/Mg alloy DIN rail mounting
Dimensions (L, W, H)	124mm, 40mm, 117mm
Ingress protection	IP20, field enclosure required
Approvals	UL508, UL1950, cULus, CE, Class 2
Weight	620g (1.4 pounds)

Schematic drawing



output voltage
24 VDC

input line voltage

