

Power Supplies

StoneL Model 459038

8.0 Amp Power Supply

This 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.

Features

- NEC Class 1 and UL Class I, Division 2 Approved
- Spring Clamp terminals
- DC output ok (dry contact)



Enclosure Option

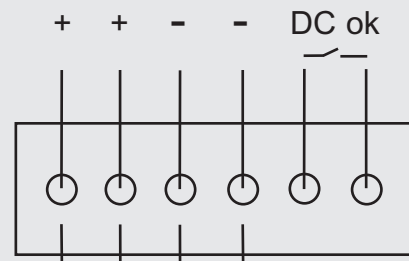


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Specifications

Output Voltage	• 24.1 VDC ±0.2%
Output Current	• 8.0 Amps
Output Ripple	• 50mVpp (max)
Input Voltage	• Universal 100 - 240VAC (50-60Hz)
Input Current	• 2.3A - 1.0A (100VAC / 240VAC)
Power Factor	• 0.99 / 0.92 (100VAC / 240VAC)
Efficiency	• 92.3% / 92.7% (100VAC / 240VAC)
Over Voltage Protection	• 29.5 VDC (max)
Over Current Protection	• 9.5Amp (max)
Turn-on Time	• 85ms
Turn-on Delay	• 600ms
Holdup Time	• 32ms
NEC Power Class	• NEC Class 1
Area Approvals	• Class I, Div 2; T4; Groups A,B,C,D
Displays	• Power OK, Green LED • Overload, Red LED
Operating Temp.	• -25°C to +70°C (+14°F to +140°F)
Storage Temp.	• -40°C to +85°C (-40°F to +185°F)
Housing	• Al/Mg Alloy DIN rail mounting
Dimensions	• 124mm, 60mm, 117mm (L, W, H)
Ingress Protection	• IP20, field enclosure required
Approvals	• UL508, UL1950, cULus, CE
Weight	• 900g (2.0 pounds)

Schematic Drawing



Output Voltage
24 VDC

Input Line Voltage

