

## 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.

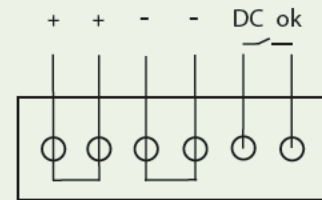
#### Features

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



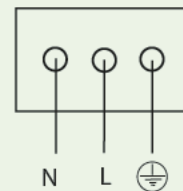
Specifications	
Output voltage	24.1 VDC $\pm$ 0.2%
Output current	3.8 amps
Output ripple	50mVpp (max)
Input voltage	Universal 100 - 240VAC (50-60Hz)
Input current	1.1A / 0.5A (100VAC / 240VAC)
Power factor	0.99 / 0.91 (100VAC / 240VAC)
Efficiency	91.9% / 92.4% (100VAC / 240VAC)
Over voltage protection	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





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around the world work close  
to our customers and are  
committed to moving our  
customers' performance  
forward – every day.

**Valmet Flow Control Oy**

Vanha Porvoontie 229  
01380 Vantaa, Finland  
flowcontrol@valmet.com  
+358 10 417 5000  
valmet.com/flowcontrol

**Valmet Flow Control Inc.  
Stonel product center**

26271 US Hwy 59, Fergus Falls, MN 56537 USA.  
Tel. +1 218 739 5774.  
sales.stonel@valmet.com  
valmet.com/flowcontrol

