

## Power supplies

Model number  
PS459026A

### 10.0 Amp 24 VDC power supply

The latest in DIN rail switch mode power supplies. This compact general purpose 24 VDC power supply has active filtering of input transients, extra low inrush current, and full output power up to +60°C.

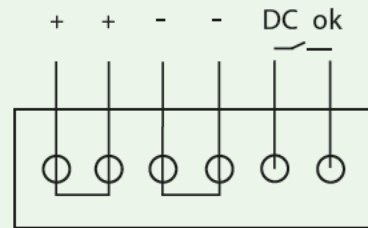
**Features**

- UL Class I, Division 2 approved
- DC output ok (dry contact)
- LED status indications
- Spring clamp terminals



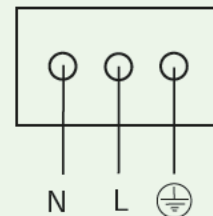
Specifications	
Output voltage	24-28 VDC (externally adjustable)
Output current	10.0 amps
Output ripple	50mVpp (max)
Input voltage	Universal 100 - 240VAC (50-60Hz)
Input current	2.8A / 1.2A (100VAC / 240VAC)
Power factor	0.99 / 0.92 (100VAC / 240VAC)
Efficiency	92.3% / 93.0% (100VAC / 240VAC)
Over voltage protection	39 VDC (max)
Overload protection	Yes
Over temperature protection	Yes
Holdup time	27ms
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, 60mm, 117mm
Ingress protection	IP20, field enclosure required
Approvals	UL508, UL1950, cULus, CE
Weight	900g (2.0 pounds)

### Schematic drawings



output voltage  
24 VDC

### input line voltage





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**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

