

## Power supplies

Model number  
**PS459032A**

### 2.1 amp 24 VDC 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.

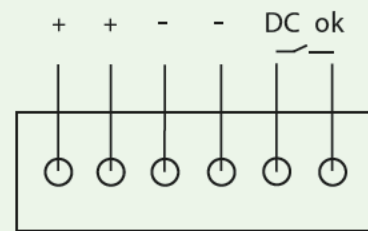
**Features**

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



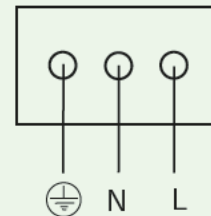
Specifications	
Output voltage	24-28 VDC (externally adjustable)
Output current	2.1 amps
Output ripple	50mVpp (max)
Input voltage	Universal 100 - 240VAC (50-60Hz)
Input current	1.0A / 0.6A (100VAC / 240VAC)
Efficiency	88.5% (100VAC)
Over voltage protection	40 VDC (max)
Overload protection	Yes
Over temperature protection	Yes
Holdup time	17ms
NEC power class	NEC class 2
Area approvals	Class I, Division 2; T4; groups A,B,C,D
Displays	Power ok, green LED
Operating temperature	-10°C to +70°C (+14°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)	91mm, 45mm, 75mm
Ingress protection	IP20, field enclosure required
Approvals	UL508, UL1950, cULus, CE, Class 2
Weight	240g (0.5 pounds)

### Schematic drawings



output voltage  
24 VDC

input line voltage





Valmet's professionals 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

