

# Power Supplies

## PS Series Switching Power Supplies

### FEATURES

**High efficiency switching power supply capable of supplying up to 100 Watts\***

- Ideal for supplying loop power to Veris power transducers and current sensors
- Universal voltage input from 100-240VAC/110-340VDC
- DIN rail housing for ease of installation
- Small size...saves panel space
- High efficiency—won't generate heat in control panel

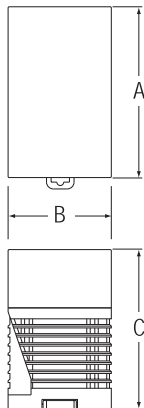
**DIN rail switching power supply provides 12 or 24 VDC, up to 100 Watts\***

- 100M0hm minimum isolation



Capable of supplying up to 100 Watts  
(AV01 DIN Rail not included; see page 276)

### DIMENSIONAL DRAWING



	A	B	C
7.5W	2.3" (59mm)	1.8" (46mm)	2.5" (64mm)
15W	3.0" (77mm)	1.8" (46mm)	3.8" (97mm)
30W	3.0" (77mm)	3.6" (92mm)	3.9" (99mm)
50W	3.0" (77mm)	3.6" (92mm)	3.9" (99mm)
100W	3.0" (77mm)	5.7" (145mm)	3.9" (99mm)

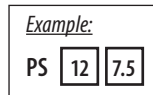
### SPECIFICATIONS

<b>Input Voltage (single phase, 2-wire)</b>	100-240VAC nominal, (85-264VAC) 50/60Hz (47-63Hz); 110-340VDC nominal, (105-370VDC)
<b>Input Current (typical@100V)</b>	0.17A (PS-7.5W), 0.30A (PS-15W), 0.68A (PS-30W); 1.15A (PS-50W), 2.5A (PS-100W)
<b>Internal Fuse Rating</b>	2A (PS-7.5W), 2A (PS-15W), 3.15A (PS-30W); 3.15A (PS-50W), 4A (PS-100W)
<b>Inrush Current</b>	50A max. (cold start at 200V)
<b>Leakage Current (at no load)</b>	0.75mA max. (60Hz measured in conformance with VDE, UL, CSA)
<b>Output Voltage &amp; Current Ratings@12V</b>	12V/0.6A (PS-7.5W), 12V/1.2A (PS-15W), 12V/2.5A (PS-30W)
<b>Output Voltage &amp; Current Ratings@24V</b>	24V/0.3A (PS-7.5W), 24V/0.6A (PS-15W), 24V/1.3A (PS-30W), 24V/4.2A (PS-100W)
<b>Operating Temperature</b>	-10° to 60°C (14° to 140°F)
<b>Storage Temperature</b>	-30° to 85°C (-22° to 185°F)
<b>Operating Humidity</b>	20 to 90% relative humidity (no condensation)
<b>Weight (approx.)</b>	150g (PS-7.5W), 170g (PS-15W), 360g (PS-30W), 390g (PS-50W), 600g (PS-100W)
<b>Terminal Screw</b>	Spring-up, finger-safe terminals with captive M3.5 screws

### ORDERING INFORMATION



PS	Output	Watts
	12 = 12VDC	7.5W = 7.5 Watts
	24 = 24VDC	15W = 15 Watts
		30W = 30 Watts
		50W* = 50 Watts
		100W* = 100 Watts



\*50 Watt and 100 Watt available in 24V only.  
See Accessories for DIN Rail options.