

Power Supplies

PS Series



PS Series

Capable of supplying up to 100 Watts
(AV01 DIN Rail not included)

SPECIFICATIONS

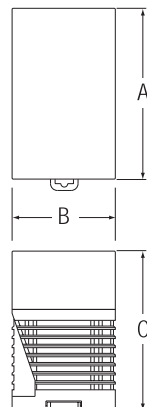
Input Voltage (single phase, 2-wire)	100-240VAC nominal, (85-264VAC) 50/60Hz (47-63Hz); 110-340VDC nominal, (105-370VDC)										
Input Current (typical @100V)	<table> <tr><td>PS-7.5W</td><td>0.17A</td></tr> <tr><td>PS-15W</td><td>0.30A</td></tr> <tr><td>PS-30W</td><td>0.68A</td></tr> <tr><td>PS-50W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

PS Series Switching Power Supplies

FEATURES

- High efficiency switching power supply capable of supplying up to 100Watts*
- 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 excessive heat in control panel
- DIN rail switching power supply provides 12 or 24VDC, up to 100Watts*
- 100MΩ minimum isolation

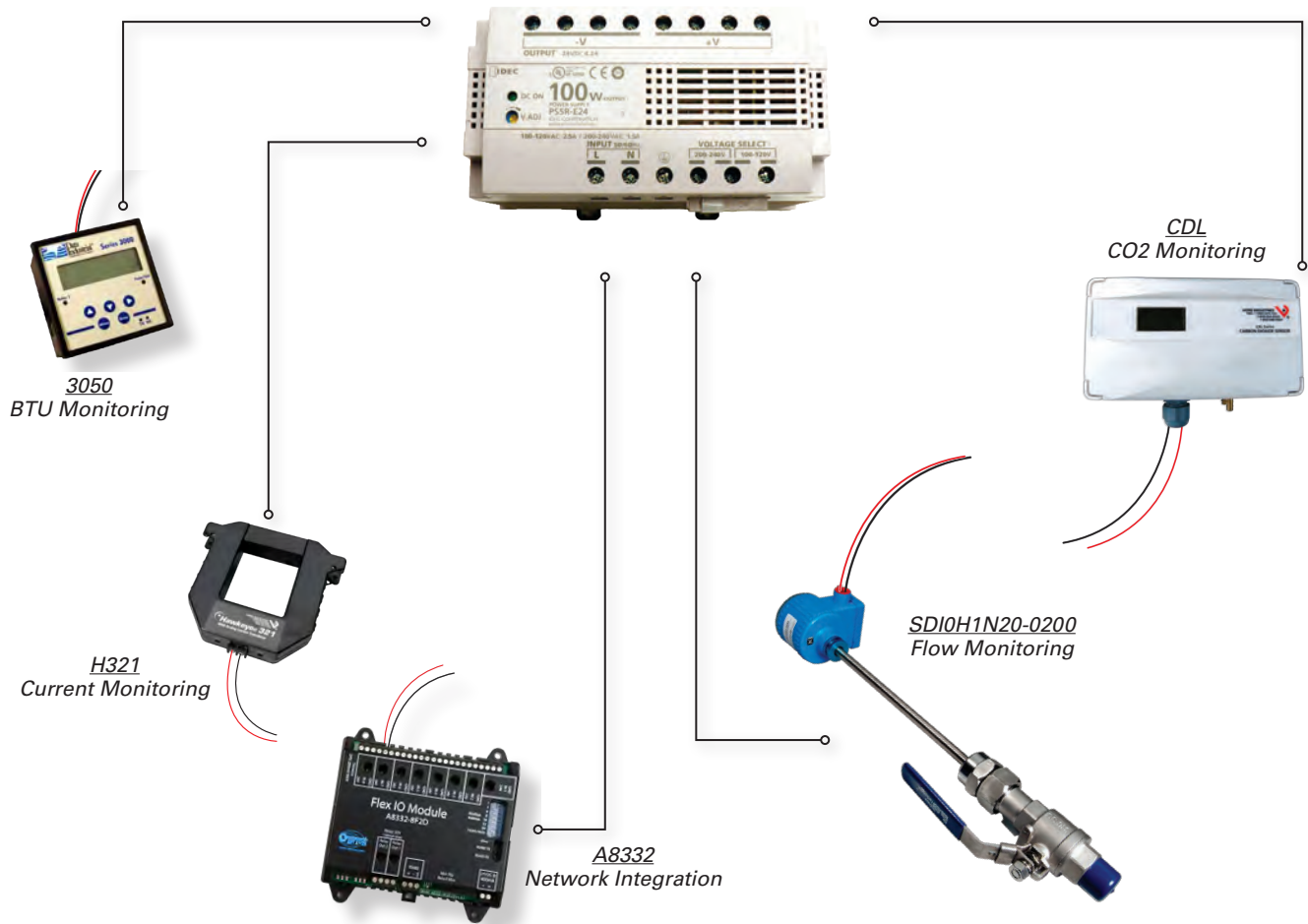
DIMENSIONAL DRAWING



	A	B	C
75W	2.3" (59 mm)	1.8" (46 mm)	2.5" (64 mm)
15W	3.0" (77 mm)	1.8" (46 mm)	3.8" (97 mm)
30W	3.0" (77 mm)	3.6" (92 mm)	3.9" (99 mm)
50W	3.0" (77 mm)	3.6" (92 mm)	3.9" (99 mm)
100W	3.0" (77 mm)	5.7" (145 mm)	3.9" (99 mm)

SUPPLYING POWER FOR ALL YOUR DC NEEDS

PS SERIES



Approximate number of products that can be powered by a PS24:

	CDL (100mA)	PX 2-wire (20mA)	PX 3-wire (30mA)	PW (125mA)	HW (15mA)	HW (30mA)	SDI (20mA)	A8332 (200mA)	H321 (30mA)	3050 (280mA)
7.5W	3	15	10	2	20	10	15	1	10	1
15W	6	31	20	5	41	20	30	3	20	2
30W	12	62	41	10	83	41	60	6	41	4
50W	20	104	69	16	138	69	101	10	69	7
100W	41	208	138	33	277	138	203	20	138	14

ORDERING INFORMATION



Output
PS
12 = 12VDC
24 = 24VDC

Watts

7.5W = 7.5 Watts
15W = 15 Watts
30W = 30 Watts
50W* = 50 Watts
100W* = 100 Watts
120W* = 120 Watts
240W* = 240 Watts

Example:
PS 12 7.5

* Available in 24V only.