PS SERIES

PS Series Switching Power Supplies

PS Series
Capable of supplying up to 90 Watts
(AV01 DIN rail not included)

Up to 90 W

High efficiency switching power supply capable of supplying up to 90 W

DIN rail mounting

Easy installation

Loop power

Ideal for supplying loop power to Veris power transducers and current sensors

Small size

Saves panel space

Universal voltage input

Universal voltage input from 100 to 240 Vac/110 to 340 Vdc

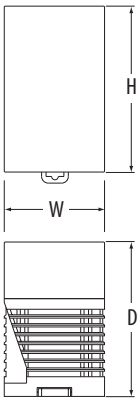
High efficiency

Won't generate excessive heat in control panel

SPECIFICATIONS

Input Voltage (except PSxx-100W)	100 to 240 Vac (85 to 264 Vac), 50/60Hz (47 to 63 Hz); 110 to 340 Vdc (105 to 370 Vdc)
Input Voltage (PSxx-100W)	100 to 120/200 to 240 Vac, Jumper Selectable 50/60 Hz (47 to 63 Hz); 240 to 370 Vdc
Input Current (Typical @100 Vac) 7.5 W (12 and 24 Vdc) 15 W (12 and 24 Vdc) 30 W (12 and 24 Vdc) 60 W 90 W	 0.18 A 0.35 A 0.7 A 1.3 A 1.1 A
Inrush Current (100 Vac)	15 A (7.5 W) 18 A (15 W and up)
Overcurrent Protection	105% min. auto-reset
Ripple	24 V, 4% P-P 12 V, 6% P-P
Leakage Current	120 Vac, 0.5 mA max. 230 Vac, 1.0 mA max.
Output Current (12 V Models) 7.5 W 15 W 30 W	 0.6 A 1.3 A 2.5 A
Output Current (24 V Models) 7.5 W 15 W 30 W 60 W 90 W	 0.3 A 0.65 A 1.3 A 2.5 A 3.75 A
Operating Temperature	-25 to 75 °C (-13 to 167 °F)
Operating Humidity	20 to 90% RH non-condensing
Storage Temperature	-25 to 75 °C (-13 to 167 °F)

DIMENSIONAL DRAWING



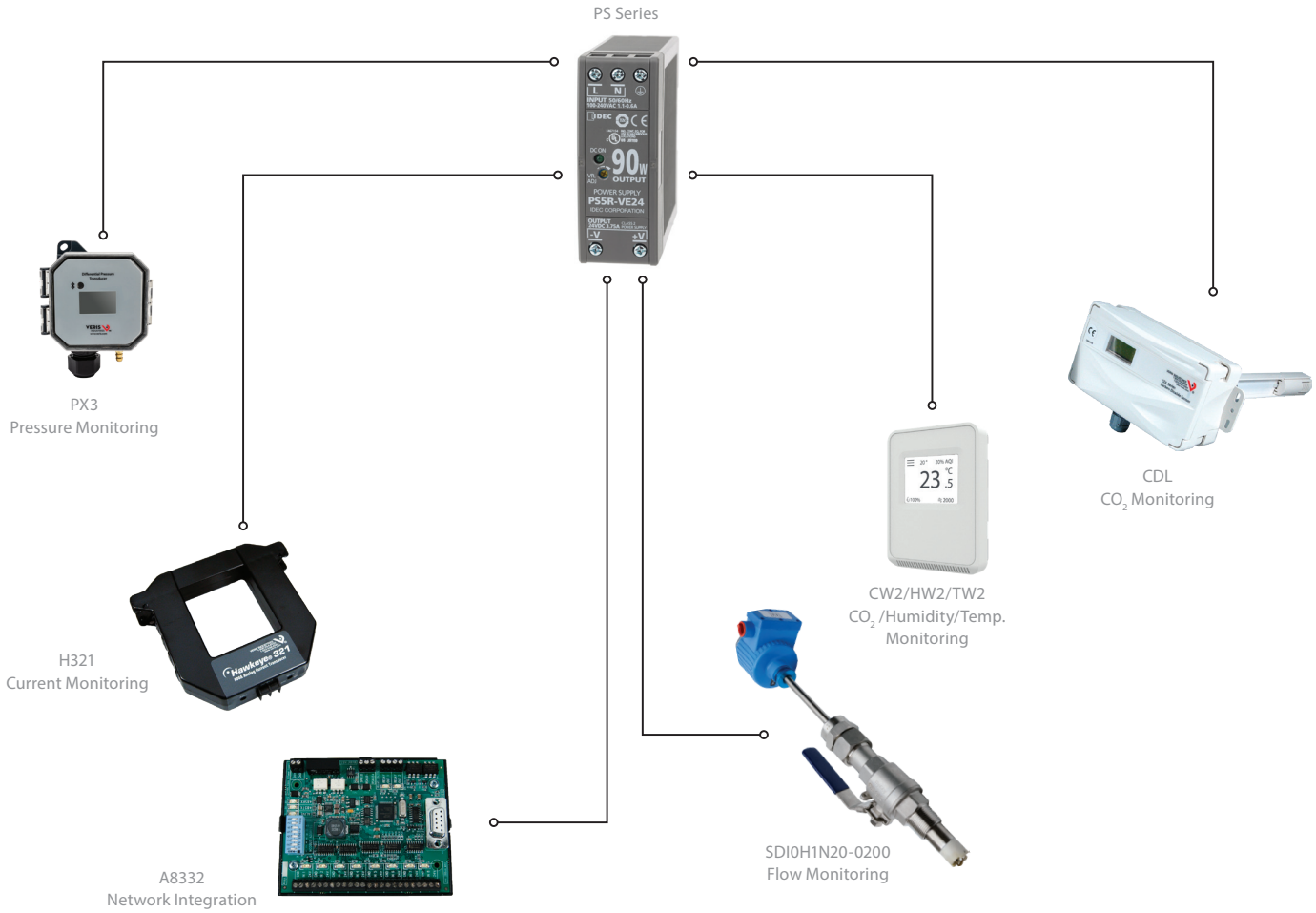
	H	W	D	WEIGHT (APPROX.)
7.5 W	3.0″ (75 mm)	1.9″ (45 mm)	2.8″ (70 mm)	130 g
15 W	3.6″ (90 mm)	0.9″ (22.5 mm)	3.8″ (95 mm)	140 g
30 W	3.6″ (90 mm)	0.9″ (22.5 mm)	3.8″ (97 mm)	150 g
60 W	3.8″ (95 mm)	1.5″ (36 mm)	4.3″ (108 mm)	260 g
90 W	3.8″ (95 mm)	1.5″ (36 mm)	4.3″ (108 mm)	310 g

Terminals	Spring-up, finger-safe (when tightened); captive M3.5 screws Phillips/flat heads

AGENCY APPROVALS

c UL us LISTED CE

SUPPLYING POWER FOR ALL YOUR DC NEEDS



ORDERING INFORMATION

PS [ ] – S [ ] W

Output: 12 =12 Vdc; 24 = 24 Vdc

Watts: 7.5 = 7.5 Watts; 15 = 15 Watts; 30 = 30 Watts; 60* = 60 Watts; 90* = 90 Watts

Example: PS [12] – S [7.5] W

*Available in 24 V only.