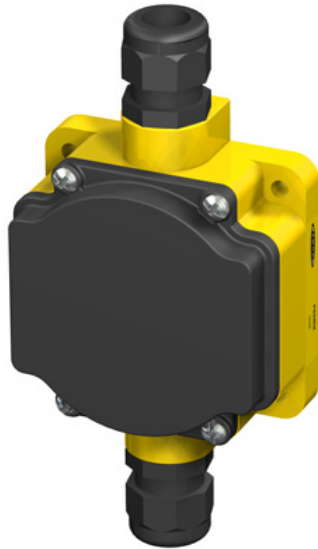


SureCross PS24DX Power Supply



24V dc, 200 mA Power Supply

Features



- Accepts universal input voltage (85–264V ac, 110–330V dc) and provides 24V dc output
- Provides reliable power for dc-powered sensors and wireless products
- Standard DX80 mounting
- Protected against input and output over-voltage and over-current transients
- Thermal shutdown protected



Specifications

Voltage

Input: 100 / 240V ac (84–264V ac, 110–340V dc)

Output: 24V dc

Current

Input (110/240V ac): 150 mA / 80 mA

Inrush (120/240V ac, 150 mA load): 20 A / 40 A

Leakage (110/240V ac): 0.5 mA / 0.75 mA

Output: 200 mA; Note 1

Input Frequency

50 / 60 Hz (47–440 Hz)

Output Power

5 W

Holdup Time

10 milliseconds

Regulation

Line: <1%

Load: <1%

Temperature: <1%

Efficiency

77%

Indicators

Green LED on solid: Power ON

Construction

Polycarbonate

Wiring

Wire Gauge: 28–12 AWG

Cable Diameter: 4.3 to 11.4 mm (0.170 to 0.450 inches)

Operating Temperature

–20 to 60 °C

Environmental Rating

IEC IP67, NEMA 6; Note 2

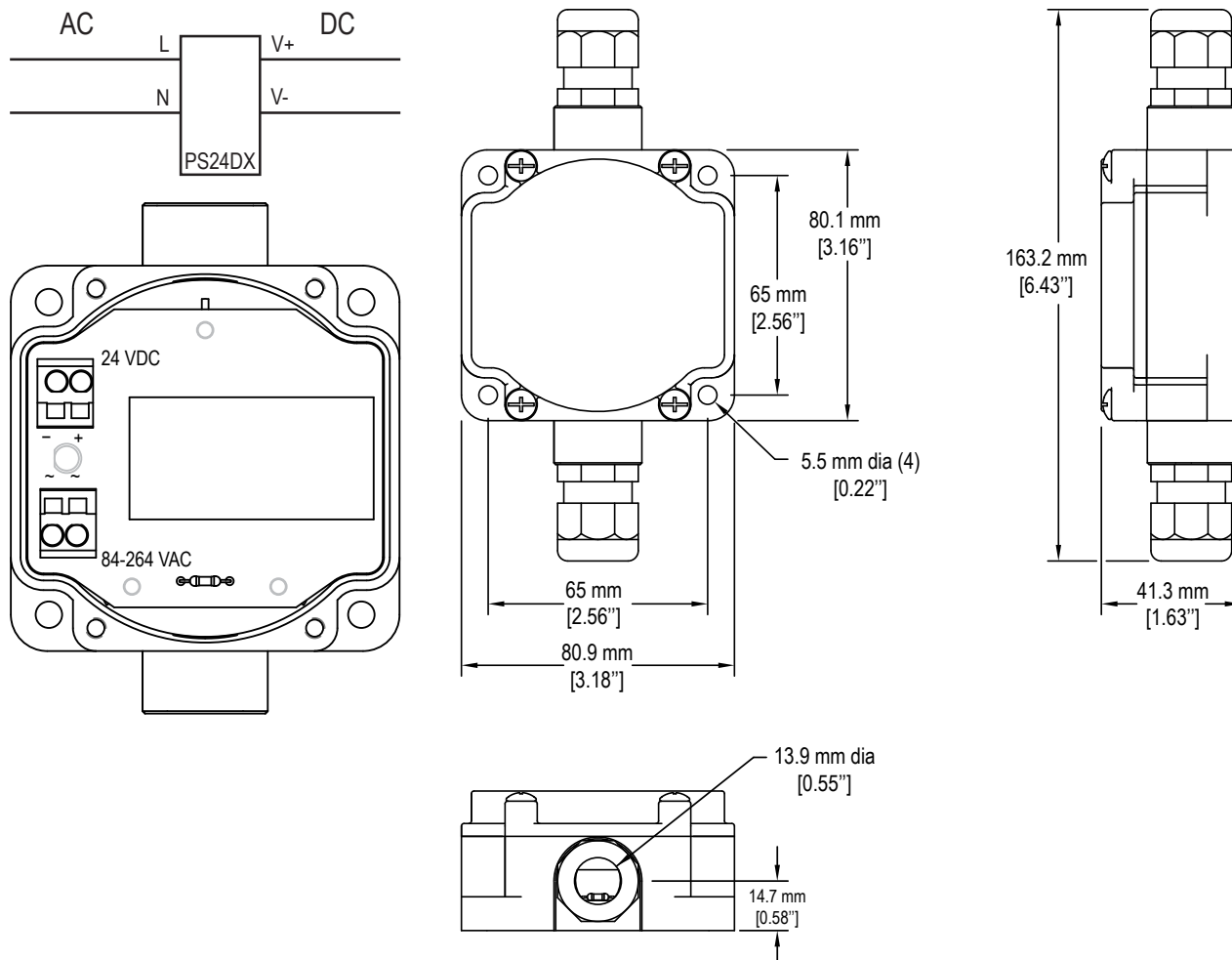
Application Notes

1. Derate maximum output current 10 mA/°C above 50°C

2. Meets environmental ratings if cover screws are tightened to 5.5 in·lbs and provided strain reliefs are used with teflon tape and screwed on flush to the housing.



Wiring and Dimensions



WARNING: Not To Be Used for Personnel Protection

Never use this product as a sensing device for personnel protection. Doing so could lead to serious injury or death. This product does NOT include the self-checking redundant circuitry necessary to allow its use in personnel safety applications. A sensor failure or malfunction can cause either an energized or de-energized sensor output condition.

Warnings

The manufacturer does not take responsibility for the violation of any warning listed in this document.

Make no modifications to this product. Any modifications to this product not expressly approved by Banner Engineering could void the user's authority to operate the product. Contact the Factory for more information.

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