PSD-24-4 Power Supply

Datasheet

24 V DC, 3.9A Class 2 Power Supply



- Accepts universal AC input voltage (90 V AC to 264 V AC, 50/60 Hz); provides 24 V DC output
- Provides reliable power for lighting systems or other products that operate at 24 V DC
- Outputs to an integral M12 connector
- Includes 1.5 meter AC input cable

CAUTION:

- Do not use in wet areas or in the presence of excessive airborne contamination.
- Risk of electric shock. Do not open, disassemble, or modify this device.
- Only to be used with industrial products, accepts universal AC input (90 V AC to 264 V AC, 50/60 Hz); provides 24 V DC output

WARNING:

- **Do not use this device for personnel protection**
- Using this device for personnel protection could result in serious injury or death.
- This device does not include the self-checking redundant circuitry necessary to allow its use in personnel safety applications. A device failure or malfunction can cause either an energized (on) or de-energized (off) output condition.

Specifications

Input Voltage
90 V AC to 264 V AC

Input Frequency
47 Hz to 63 Hz

Output
Voltage: 24 V DC ± 5%
Current: 3.9 Amp
Power: 96 W max.

Output Protection Circuitry
Protected against output short-circuit

Output Ripple/Noise
< 1%

Holdup Time
20 ms minimum full load, V_{in} 115 V AC

Efficiency
85% typ. full load, V_{in} 115 V AC

Operating Temperature
0 °C to +40 °C (+32 °F to +104 °F)

Storage Temperature
–20 °C to +85 °C (–4 °F to +185 °F)

Environmental Rating
IP20

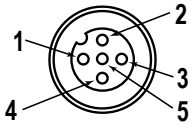
Emission Standards
FCC Class B
CISPR22 Class B
VCCI Class B

Safety Standards
UL1310 Class 2

Certifications

5-pin M12 Connector

Two meter (6.5 ft) cable with a 5-pin M12 connector.



1. V+
2. NC
3. V-
4. NC
5. NC

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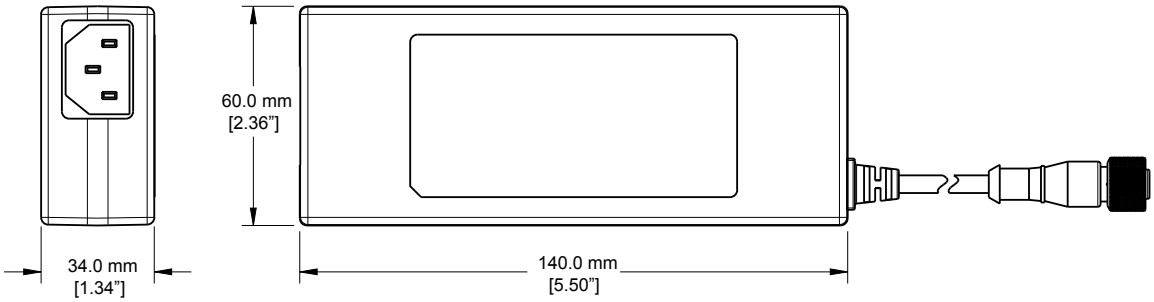
ПРОМЭЛЕКТРОНИКА/ sales@prom-elec.com

Dimensions

All measurements are listed in millimeters [inches], unless noted otherwise.



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FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference; and 2) This device must accept any interference received, including interference that may cause undesired operation.

Industry Canada

This device complies with CAN ICES-3 (B)/NMB-3(B). Operation is subject to the following two conditions: 1) This device may not cause harmful interference; and 2) This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la norme NMB-3(B). Le fonctionnement est soumis aux deux conditions suivantes : (1) ce dispositif ne peut pas occasionner d'interférences, et (2) il doit tolérer toute interférence, y compris celles susceptibles de provoquer un fonctionnement non souhaité du dispositif.

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