

EPL-TX-DC-24V-42W-9V

Explosion Proof Power Supply - 24V AC Input - 9V DC Output - 4.67 Amps Max

Product ID: 238545



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EPL-TX-DC-24V-42W-9V Explosion Proof Power Supply

Type: Explosion Proof Power Supply
Case Dimensions: 7.75"H x 6.13"W x 5.23"D
Weight: 3 lbs
Temperature Rating: -30°C to +70°C
Input Voltage: 24V AC
Output Voltage: 9V DC
Watts: 42
Efficiency: 81%
Amps: 1.75 Amps @ 24V DC Input, 4.67 Amps Max @ 9V DC
Case Material: Aluminum
Wiring Hubs: 1/2" or 3/4" Threaded NPT Hubs

Ratings/Features:

Class I Div 1 & 2 Groups C and D
Class II Div 1 Groups E, F and G
Class III Div 1 & 2
UL 879 / UL 1310
CAN/CSA C22.2 No. 223-M91
IP67 Waterproof Rating

Special Orders- Requirements

Contact us for special requirements
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E-mail: sales@larsonelectronics.com

The EPL-TX-DC-24V-42W-9V from Larson Electronics is an Explosion Proof Power Supply that takes 24V DC and converts it into 9V DC. This allows operators to use equipment such as LED or HID lights that require 9V DC power from commonly used 24V DC electrical current. The EPL-TX-DC-24V-42W-9V is rated for Class I Divisions 1 & 2 Groups C and D, Class II Division 1 Groups E, F and G and Class III Divisions 1 & 2 hazardous areas.

The EPL-TX-DC-24V-42W-9V features durable aluminum construction and a choice of 1/2" or 3/4" NPT hub sizes. The precision cast and machined surface permit safer wire pulling and the precision NPT-threaded hubs allow for trouble-free field installation of rigid conduit.

The EPL-TX-DC-24V-42W-9V explosion proof power supply is operated on 24V DC.

The unit converts this DC power input to 42 watt, 4.67 Amp 9V DC output. Integrally designed protection includes overload, short circuit and over voltage safeguards to prevent overheating and unit damage in case of faults or overly heavy current draw. This unit will shut down when an over current fault is encountered and automatically resume operation once the fault is repaired or removed. When an over voltage condition is encountered the unit will shut down and recovers when manually turned back on.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.









Frequently Asked Questions (FAQ)