

EPL-TX-25A-12V

Explosion Proof Step-Down Transformer - 120-277V AC Input - 12V DC Output - 25 Amps Max

Product ID: 146342

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



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-25A-12V Explosion Proof Stepdown Transformer

Primary Voltage: 120-277V AC 50/60 Hz

Secondary Voltage: 12V DC

Secondary Capacity: 25 amps

Hubs: 3/4" EYS w/ cord grips

Wiring: Customer Provided

Dimensions: 17.75"-L x 6"-W x 5"-H

Weight: 18lbs

Ratings: Class 1 Division 1 Explosion Proof

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Features/Ratings

Class 1 Division 1 Explosion Proof
Steps down 120/240V AC to 12V DC

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EPL-TX-25A-12V explosion proof stepdown transformer converts commonly used 120-277V AC electrical current to 12V DC at 25 amps. This converter is designed to be hardwired into electrical supplies where the voltage is typically within the 100-277V AC range and steps it down to 12V DC, allowing operators to use standard AC power to operate equipment that require 12 Volt DC current.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS

This explosion proof 256 watt power converter provides a safe and effective way

for operators to tap into and utilize common 100 to 277 Volt AC power sources and convert this current to 12 Volts DC for use with equipment that requires 12 volt electrical power within classified environments. This unit can be operated with input current ranging from 100 to 277 VAC and will output 256 watts at 25 amps on a 12 Volt DC current. This explosion proof power converter features an IP67 rated waterproof cast aluminum housing, making it suitable for indoor or outdoor use and includes integral short circuit and overload protection that will shut down the unit in case of faults and overloads to protect the unit and connected equipment from damage.

This explosion proof stepdown transformer has a universal input voltage ranging from 100V through 277V AC 50/60Hz. This includes commonly found voltages such as 120V, 220V, 230V, 240V, and 277V AC input that are stepped down to 12V DC output.

Both input and output sides of this transformer are terminated in EYS seal offs with CGB cord grips. Enough Chico fiber and compound is provided for operators to seal both EYS seal offs after cable is installed. Customer provides both line-in and line-out cable, and seals the EYS with the sealing compound provided. LarsonElectronics.com can build transformers to your specifications. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com.

Frequently Asked Questions (FAQ)



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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)