

EPL-TX-500-250V-MCB-2XLV.2X10AB-24V-SS

Portable Explosion Proof Transformer - 250V AC Input -(2) 24V AC Secondary Outlets - Stainless

Product ID: 324885

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



Image: EPL-TX-500-250V-MCB-2XLV.2X10AB-24V-SS

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-500-250V-MCB-2XLV.2X10AB-24V-SS Explosion Proof Power Distribution System

Line-In Cord: 65' 16/3 SOOW cord

Line-In Cord Cap: 20A EXP [250V]

Primary Voltage: 250V AC

Primary Disconnect: -

Primary Panel: 2.5A 240V MCB N3R C1D1

Primary Breakers: -

Primary Receptacles: -

Primary Protection: -

Transformer: 250V to 24V N3R C1D1

Secondary Voltage: 24V

Secondary Disconnect: -

Secondary Panel:

Secondary Breakers: (2) 10A

Secondary Receptacles: (2) EXP [24V]

Secondary Protection: Weatherproof Covers

Form Factor: Cart w/ Solid Tires

Frame Materials: Powder Coated Steel Frame

Dimensions: 30"-H x 14"-D x 24"- W

Weight: 155 lbs

Features/Ratings

Max OCP Primary: 20A @ 250V

Max OCP Secondary: -

UL 1640 Portable Power-Distribution Equipment

NEMA 3R Indoor / Outdoor Use

Made in the USA

GFCI Breakers

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

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

Made in the USA

The Larson Electronics EPL-TX-500-250V-MCB-2XLV.2X10AB-24V-SS Portable Explosion Proof Transformer converts 250V AC electrical current into 25V. This unit provides operators the ability to safely tap into and distribute 250V AC power in hazardous locations from a variety of sources including generators and direct grid power.

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

Portable Power Distribution Purpose and Use

The EPL-TX-500-250V-MCB-2XLV.2X10AB-24V-SS explosion proof power distribution system gives operators the ability to power their 24 volt equipment from a single system. On the primary side, operators connect 250 volt line-in power via 65 ft of 16/3 SOOW cord terminated with a 250V, 20-amp explosion proof male plug. On the secondary side, operators connect to two 24V outlets for 24V equipment. All receptacles are equipped with weatherproof covers.

Operation: A 65' 16/3 SOOW cord terminated with a 250V, 20-amp explosion proof male plug brings 250V AC to the 2.5-amp main circuit breaker panel and passes power to the explosion proof transformer. The Class I, Division 1 and 2 transformer steps down 250V AC to 24V AC and passes power to a total of two, 20-amp explosion proof 24V outlets. The two outlets are protected by two, 10-amp breakers.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



The EPL-TX-500-250V-MCB-2XLV.2X10AB-24V-SS is perfect for use with explosion proof drop lights.

(Sold Separately)



[Click Photo to Enlarge](#)
Drop Lights Sold Separately



Mounting holes on the EPL-TX-500-250V-MCB-2XLV.2X10AB-24V-SS convenient for hooking drop lights.
(Sold Separately)

Protective Construction: This compact power distribution system is designed for portability

and convenience as well as durability and is mounted to a wheeled, non-sparking aluminum frame for added protection. Two solid tires allow operators to wheel the unit around the work site with ease. This explosion proof power distribution system comes with hooks and openings around the frame for storing and transporting equipment, such as LED drop lights, cords and etc.

Certification: Larson Electronics is a UL 1640 panel shop and certified to build portable power distribution systems. All units are built in accordance to NFPA 70 (National Electric Code) and certified to UL 1640. All equipment is NEMA 3R rated for indoor and outdoor use and provide a degree of protection against dirt, water, and ice. NEMA 4 and NEMA 4X equipment can be equipped upon request.

Grounding: Transformer is grounded to the frame and we provide a grounding lug on the frame for the earth ground.

~Please check all motor loads for dual rated motors that will work 208 or 240.~

Applications: This explosion proof power distribution system is ideal for flammable work sites and applications including but not limited to, petrol processing plants, oil and gas facilities, shipyards, confined spaces and more. These power distribution systems are popularly used in applications where external power sources are often necessary.

Custom Built Systems Available: Larson Electronics` Larson Electronics is a manufacturer and as such can build portable transformer systems to your specifications. Although we carry several models of power distribution transformers, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.



Frequently Asked Questions (FAQ)

There are no Fags



Image: EPL-TX-500-250V-MCB-2XLV.2X10AB-24V-SS



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Export Control Classification Number (ECCN): EAR99



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