

EPL-TX-480D-6KVA-208Y.120-2X0.75

6 KVA Explosion Proof Transformer - C1D1, C2D1 - 480V to 208Y/120V - NEMA Rated

Product ID: 152513

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-480D-6KVA-208Y.120-2X0.75 Transformer w/ Explosion Proof Enclosure

Phase: Three Phase

Frequency: 60Hz

kVA: 6

Primary Voltage: 480V AC

Primary Configuration: Encapsulated

Secondary Voltage: 208Y/120V AC

Winding Material: Aluminum

Insulation: 180°

Termination: Leadwires

Sound Level: Meets NEMA ST-20 Standards

Enclosure Material: Cast Aluminum

Hubs: (1) 3/4" NPT Hub on West Side, (1) 3/4" NPT Hub on East Side

Dimensions: 16.38" x 16.38" x 21.38"

Weight: -

Ratings

Class I, Div 1&2, Groups B,C,D

Class I, Zones 1&2 Groups IIB+H2,IIA

Class II, Div 1&2 Groups E,F,G

Class III, Div 1&2

NEMA 3R, 7, 9

CENELEC/ATEX/IEC Ex

Ex d IIB + H2 T5 or T6

Ex tD A21 IP66

Tamb = + 60°C

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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E-mail: sales@larsonelectronics.com

The EPL-TX-480D-6KVA-208Y.120-2X0.75 Explosion Proof Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for indoor/outdoor applications and facilities that handle flammable materials, the EPL-TX-480D-6KVA-208Y.120-2X0.75 provides increased reliability and protection against critical equipment failures. The lower operating costs, lower heat

emissions and lower cost of ownership make this transformer ideal for a wide range of applications and businesses.

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

Transformer Features: With a transformer rating of 6kVA, the EPL-TX-480D-6KVA-208Y.120-2X0.75 transformer is a three phase unit with a primary voltage of 480V Delta. It also provides a secondary voltage of 208Y/120V AC. Featuring robust construction, this unit's cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology. The EPL-TX-480D-6KVA-208Y.120-2X0.75 is encapsulated to seal out moisture and airborne contaminants.

This explosion proof unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The explosion proof enclosure makes the unit suitable for both indoor and outdoor applications located within hazardous areas and it can be surface mounted via four ears with two on each side of the enclosure. The unit also features a 180°C insulation system and meets NEMA ST-20 sound level standards.

Enclosure: The explosion proof enclosure on the EPL-TX-480D-6KVA-208Y.120-2X0.75 provides operators with a Class I and II, Division 1 and 2 transformer. This explosion proof enclosure is made of cast aluminum, is equipped with stainless steel hinge and bolts and is ideal for indoor or outdoor applications where flammable vapors, gases, or dusts exist or stand the potential to exist. The enclosure features one 3/4" NPT hub on the west side and one 3/4" NPT hub on the east side which enable operators to bring power in and out.

Benefits: The EPL-TX-480D-6KVA-208Y.120-2X0.75 distribution transformer offers many benefits to the consumer. Precision cut aluminum transformer winding material help to improve performance. The close tolerances used during manufacturing also eliminates burrs which hinder performance. Each core is specially coated to prevent the ingress of moisture and are electrically balanced to minimize axial forces during short circuit situations.

This transformer provides owners with significant energy savings as well as offering environmental benefits. Higher efficiency not only extends the life of the transformer, but also turn into cost savings for owners in the form of lower energy bills and decreased cost of ownership. Integrated floor and wall mounting brackets make installation fast and easy and the offset outward facing floor installation holes allow for easy power tool access.

Applications: Power supplies for Class I and II Divisions 1 & 2 hazardous locations.

Larson Electronics is a manufacturer and as such can build stationary and portable transformer systems to your specifications. Although we carry several models of power distribution transformer systems, 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)









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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [ATEX Certificate \(European Explosion Proof\)](#)
- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Certificate 2, Misc](#)
- [Certificate 3, Misc](#)
- [IEC Ex Certificate \(International Explosion Proof\)](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)