

EMPD-480.3P-30KVA-208Y.120-CU

30 kVA C1D1 EXP Proof Transformer - 480V 3P to 208Y/120 3P - Input/Output Hubs - Copper Windings

Product ID: 152967

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.

EMPD-480.3P-30KVA-208Y.120-CU Explosion Proof Transformer

Unit Type: Explosion Proof Transformer

Dimensions: 30"L x 41.25"W x 30"H

Phase: Three Phase

kVA: 30

Primary Voltage: 480V Delta

Secondary Voltage: 208Y/120 Wye

Frequency: 50/60Hz

Primary/Secondary Configuration: Two Winding

Winding Material: Copper

Reverse Connectable: Yes

Connection Type: Wire Leads

Electrostatically Shielded: Yes

Temp Rise/Insulation: 115°C/180°C

Sound Level: Meets NEMA ST-20 Standards

Enclosure Material: Cast Aluminum

Input/Output Hubs: 3/4" NPT Input and 3/4" NPT Output Hubs

Mounting: Surface

Weight: 350 lbs

Larson Electronics manufacture a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

Ratings/Approvals

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

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

UL Listed

NEMA 3, 4 - IP66

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

The EMPD-480.3P-30KVA-208Y.120-CU from Larson Electronics is an explosion proof transformer for use in hazardous locations. Suitable for both indoor and outdoor applications, the EMPD-480.3P-30KVA-208Y.120-CU provides increased reliability, protection against critical equipment failures and an extra level of protection by isolating the power source from the connected device. The EMPD-480.3P-30KVA-208Y.120-CU is rated for Class I & 2 Divisions 1 & 2 hazardous areas.

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

Transformer Features: With a transformer rating of 30kVA, the EMPD-480.3P-30KVA-208Y.120-CU is a three phase unit with a primary voltage of 480V Delta. It also provides a secondary voltage of 208Y/120 Wye. The transformer contains a two-winding primary and secondary configuration and reverse connectables, as well as electrostatically shielded components and wire leads connection. Featuring robust construction, this unit is made out of cast aluminum.

The explosion proof transformer comes with a NEMA 4X rating, which offers watertight protection and corrosion resistance. The following input/output hubs can be found on this unit: 3/4" NPT (input) and 3/4" NPT (output). The EMPD-480.3P-30KVA-208Y.120-CU may be mounted on compatible surfaces in Class I and Class II environments. 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.

Applications: Chemical processing plants, oil refineries, wastewater facilities and other classified industrial facilities that adhere to the ratings of this unit.

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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Product ID: 152967

Harmonized System (HS) Code: 8504.21.0040

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Catalog Page - Product Series](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)