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ETX-600V-7.5KVA-500VA-110V-4X0.75

0.5kVA & 7.55kVA Explosion Proof Transformers - C1D1&2 - 1PH - 600V Primary - 110V Secondary

Product ID: 150252

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.

ETX-600V-7.5KVA-500VA-110V-4X0.75 Explosion Proof Transformers

First Industrial Control Transformer

Phase: Single Phase
Frequency: 50/60Hz
kVA: 0.5kVA (500 VA)
Primary Voltage: 600V
Taps: None
Secondary Voltage: 110V
Winding Material: Copper
Insulation: 180°C
Temperature Rise: 80°C
Impedance (Std): -
Seismic: Yes
Sound Level: Meets NEMA ST-20 Standards
Primary Termination: -
Secondary Termination: -
Enclosure Material: Cast Aluminum w/ Stainless Steel Hinges & Bolts
Enclosure Taps: (4) 3/4" NPT Hubs
Enclosure Internal Dimensions: 36"L x 24"W x 10"H
Transformer Dimensions: 5.66"H x 5.25"W x 5.53"D

Ratings/Approvals

Class I Divisions 1 & 2 Groups B, C and D
Class I Zones 1 & 2 Groups IIB + $H_2$and IIA
Class II Divisions 1 & 2 Groups E, F and G
Class III Divisions 1 & 2
NEMA 3, 4, 4X, 7 (B, C, D) & 9 (E, F, G)
CENELEC/ATEX/IEC Ex Certified
Ex d IIB + H_2T5 or T6
Ex tD A21 IP66
Tamb = + 60°C
Industrial Control Transformers

Second Industrial Control Transformer

Phase: Single Phase

Frequency: 60Hz
kVA: 7.55kVA
Primary Voltage: 600V
Taps: 4 - 2.5% FCBN
Secondary Voltage: 120/240V
Winding Material: Copper
Insulation: 180°C
Temperature Rise: 135°C
Impedance (Std): -
Seismic: Yes
Sound Level: Meets NEMA ST-20 Standards
Primary Termination: -
Secondary Termination: -
Transformer Dimensions: 14.56"H x 7.56"W x 7.15"D
Total Unit Weight: 357.2 lbs
Mounting: Floor or Wall Mount

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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The ETX-600V-7.5KVA-500VA-110V-4X0.75 from Larson Electronics is a Pair of Transformers with an Explosion Proof Enclosure for use in hazardous areas. These single phase transformers are powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the ETX-600V-7.5KVA-500VA-110V-4X0.75 provides increased reliablity and protection against critical equipment failures. The lower operating costs, lower heat emissions and lower cost of ownership make these transformers 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

First Transformer Features: With a transformer rating of 0.5kVA (500 VA), the first transformer in the ETX-600V-7.5KVA-500VA-110V-4X0.75 explosion proof transformer set is a 50/60Hz single phase unit with a primary voltage of 600V. It also provides a secondary voltage of 110V. Featuring robust construction, this unit`s cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology.

The first transformer boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The unit also features 180°C insulation with a 80°C temperature rise.

Second Transformer Features: With a transformer rating of 7.5kVA, the second transformer in the ETX-600V-7.5KVA-500VA-110V-4X0.75 explosion proof transformer set is a 60Hz single phase unit with a primary voltage of 600V. It also provides a secondary voltage of 120/240V. Featuring robust construction, this unit`s cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology.

The second transformer also boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The unit also features 180°C insulation with a 135°C temperature rise.

Benefits: The ETX-600V-7.5KVA-500VA-110V-4X0.75 explosion proof transformers offer many benefits to the consumer. Precision cut copper 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.

These transformers provide 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.

Enclosure: The transformers in the ETX-600V-7.5KVA-500VA-110V-4X0.75 are located inside an explosion proof enclosure. The explosion proof enclosure holding the transformers is rated for Class I Divisions 1 & 2 Groups B, C and D, Class I Zones 1 & 2 Groups IIB + H_2 and IIA, Class II Divisions 1 & 2 Groups E, F and G and Class III Divisions 1 & 2 hazardous areas. The cast aluminum enclosure is

factory tapped with four 3/4" NPT holes and is ideal for indoor or outdoor applications where flammable vapors, gases, or dusts exist or stand the potential to exist. The enclosure of the ETX-600V-7.5KVA-500VA-110V-4X0.75 is ATEX / IEC Ex Certified and has internal dimensions of 36"L x 24"W x 10"H.
The explosion proof enclosure is made of cast aluminum, is equipped with stainless steel hinge and bolts, and includes a watertight gasket for a NEMA 4X protection rating. The internal cavity of this flameproof enclosure measures 36" in length by 24" in width by 10" in height. A removable backplate for easy mounting of equipment outside of the enclosure can be provided at an additional cost. Four 3/4" NPT hubs are factory tapped to allow conduit entry into the enclosure. Mounting is provided by four ears, two per side of the enclosure.
Applications: Situations that require transformer use within 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.

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Frequently Asked Questions (FAQ)



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Product ID: 150252

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**