Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Product ID: 296608

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



Image:

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.

The [SKU] Overhead Distribuion Transformer from Larson Electronics is equivilant to Austin Energy Products. This unit complies with the City of Austin Electric Utility Department (Austin Energy) Specification E-1579 for TRANSFORMER,DISTRIBUTION,OH,1PH,3-167KVA,15KV

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

Transformer Design Features:
100 KVA Capacity
7200/12470Y High Voltage
95 kV HV BIL
240/480V Low Voltage
30 kV LV BIL
65°C Temp rise (85°C Hotspot)
No Tap Changer
High Voltage Terminals in accordance with IEEE C57.12.20
High voltage bushing in accordance with IEEE C57.12.20, IEEE C57.19.00 and IEEE

C57.19.01

4-hole spade low-voltage bushings and terminals
Secondary bushings have captive, compression limited, fully shielded conductor and flange seals.
Secondary Bushings are certified to withstand 300 FT/Lbs cantilever loading without leaking.
Secondary terminals are finished on both sides and allow a complete connection to either side of the terminal
Transformer coil is desigend to maintain nameplate KVA, and all materials are of the 65ºC (85º C Hot Spot) Class
Transformer winding is copper
Tranformer tank is steel material and is leak resistant
Transformer cover is insulated w/ a removable cover w/ nitrile rubber gaskets, and prevents any moisture from entering the tank.
Transformer tank and cover designed to withstand pressure in accordance with IEEE C57.12.20
Transformer is equipped with a resettable device equivilant to IFD Corporation part number IFD-ORCA-10PSI-aA
No hand holes or access holes in the tank body or lid
Transformer tank includes support lugs for one (1) position mounting. The support lugs shall be in accordance with IEEE C57.12.20
Two tank ground provisions as per IEEE C57.12.20, section 7.5.4.1 figure 7, located under the low voltage bushings
Neutral ground lug below X2 low voltage bushing, w/ copper strap

Includes MCOV Surge arrestor mounted on side of tank adjasent to H1 bushing
Surge / Lightning Arrestor rated 10 kV Class, 8.4 MCOV
24" Long, #6 compressed soft stranded copper riser wire connects arrestor to H1 bushing
Tin plated compression connector
HV Bushings and arrestor include Wildlife guard equivilant to Cantex EZguard
Non PCB Containing mineral oil cooling fluid
Tank finish coated in Munsell 5BG 7.0/0.4, ANSI 70 Light Grey

Labeling:
Includes all labels required by AE Distribution Construction Standard #1000-17, and shown in Attachments V and V. This includes:
City ID Number Label
KVA Size Label
Secondary Voltage Label
NO PCBs Label
Temporary Barcode Label
Stainless steel Nameplate w/ Barcode

Complies with IEEE / ANSI C57.12.20
Complies with IEEE / ANSI C57.12.31
Complies with DOE CFR Title 10, Volume 3, Chapter II, Subchapter D, Part 431, Subpart K

Applications: General purposes, industrial sites, electrical rooms, underground vaults, manufacturing facilities, steel plants, offshore, commercial, military, processing plants, electric

power distribution, utilities, public locations and more.

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)

There are no Faqs

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Product ID: 296608

Harmonized System (HS) Code: 85043300
Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com//images/product/Manual/296608.PDF)
- **HigResPic1**(https://www.larsonelectronics.com//images/product/HigResPic1/296608.JPG)
- **HigResPic2**(https://www.larsonelectronics.com//images/product/HigResPic2/296608.JPG)
- **HigResPic3**(https://www.larsonelectronics.com//images/product/HigResPic3/296608.JPG)
- **HigResPic4**(https://www.larsonelectronics.com//images/product/HigResPic4/296608.JPG)
- **HigResPic5**(https://www.larsonelectronics.com//images/product/HigResPic5/296608.JPG)
- **HigResPic6**(https://www.larsonelectronics.com//images/product/HigResPic6/296608.JPG)
- **HigResPic7**(https://www.larsonelectronics.com//images/product/HigResPic7/296608.JPG)
- **Video1**(https://www.youtube.com/watch?v=GPRqYY_mJNI)
- **Video2**(https://www.youtube.com/watch?v=oZDa7R7XEZ0)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)