

Product ID: 292007

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.

This transformer complies with Consumers Energy Specification Number T3DF V1.1, and is a cross for model number 20010550, PADMOUNT TRANSFORMER; DEAD FRONT; THREE PHASE; 500 KVA; 24940 GRD Y/14400-480Y/277 VOLT.

The system features copper windings for high strength and thermal/electrical conductivity. This transformer is air cooled and does not have fans or mounting provision for fans.

Temperature Rise: This unit features 65°C temperature rise for reduced heat waste, increased reliability and longer life. At 65°C temperature rise, the transformer offers (KVA) KVA. The transformer meets standard efficiency requirements (does not meet DOE 2016 efficiency standards). The combination of low temperature rise and high efficiency makes this unit suitable for use in electrical rooms, air conditioned spaces in buildings, underground vaults and similar locations, in addition to outdoor areas.

Insulation Fluid: This transformer features non-PCB mineral oil cooling fluid.

Protection Fuses: This transformer contains bayonet protection fuses on the primary side. For units without protection fuses, up stream protection is provided. We recommend provisions

for protection fuses when possible, as blown fuses may require more frequent oil changes.

Mount: The heavy-duty enclosure makes the unit suitable for both indoor and outdoor applications. This power distribution system can be pad mounted on concrete pads.

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.



Frequently Asked Questions (FAQ)

There are no Faqs



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Harmonized System (HS) Code: 85043300

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **ANSI Certificate 1** (<https://www.larsonelectronics.com/images/product/ANSICert1/292007.PDF>)
- **FCC Certificate (Federal Communications Commission, USA)** (<https://www.larsonelectronics.com/images/product/FCCCert/292007.PDF>)
- **MSDS (Material Safety Data Sheet)** (<https://www.larsonelectronics.com/images/product/Msds/292007.PDF>)
- **Operations Manual** (<https://www.larsonelectronics.com/images/product/Manual/292007.PDF>)
- **HigResPic1** (<https://www.larsonelectronics.com/images/product/HigResPic1/292007.JPG>)
- **HigResPic2** (<https://www.larsonelectronics.com/images/product/HigResPic2/292007.JPG>)
- **HigResPic3** (<https://www.larsonelectronics.com/images/product/HigResPic3/292007.JPG>)
- **HigResPic4** (<https://www.larsonelectronics.com/images/product/HigResPic4/292007.JPG>)
- **HigResPic5** (<https://www.larsonelectronics.com/images/product/HigResPic5/292007.JPG>)
- **Video1** (<https://www.youtube.com/watch?v=mpt7J5hdJp8>)
- **Video2** (<https://www.youtube.com/watch?v=KlZsyVtvSWM>)
- **Video3** (<https://www.youtube.com/watch?v=mN2qPmdLwW4>)
- **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>)