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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

MT-K13-1P-120.240V-50KVA-120.240V-N3R

50 kVA Transformer - 120/240V Primary - 120/240V Secondary - NEMA 3R - Single Phase - K-13

Product ID: 237958

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.

MT-K13-1P-120.240V-50KVA-120.240V-N3R K-13 Transformer

Phase: Single Phase
Frequency: 60 Hz
kVA: 50
Primary Voltage: 120/240 V
Taps: 2 @ 2.5% FCAN; 4 @ 2.5% FCBN
Secondary Voltage: 120/240 V
Winding Material: Aluminum
Electrostatic Shield: Yes
Insulation: 220°C
Temperature Rise: 150°C
K Factor: K-13
Terminations: Terminals
Enclosure Material: NEMA Type 3R Heavy Duty Ventilated
Finish: ANSI 61 Grey, UL50 Finish
Dimensions: 29.90"H x 28.15"W x 22.37"D
Weight: 340 lb
Mounting: Floor Mount

Ratings

Listed for United States and Canada
Dry Type
IP24 Rated
K13 Rated

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

The MT-K13-1P-120.240V-50KVA-120.240V-N3R 120/240 V 1 Phase Energy Efficient K-13 Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-K13-1P-120.240V-50KVA-

120.240V-N3R provides increased reliablity 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 50 kVA and a K-factor of K-13, the MT-K13-1P-120.240V-50KVA-120.240V-N3R transformer is a single phase unit with a primary voltage of 120/240 V. It also provides a secondary voltage of 120/240 V. Featuring robust construction, this unit`s cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology. This transformers carries a K-Factor of K-13. The larger the K-Factor, the more harmonics that are produced in the load. This type of transformer uses a special winding technique that is designed to minimize eddy current losses that generated by harmonic currents in the load.

This unit boasts a low cost of ownership and is highly energy efficient. Lower heat emissions mean less cooling is needed as well. The Standard Type 3R enclosure makes the unit suitable for both indoor and outdoor applications and it can be floor mounted. The unit also features 220°C insulation with a 150°C temperature rise and is rated IP24.

Benefits: The MT-K13-1P-120.240V-50KVA-120.240V-N3R general purpose 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 mounting brackets make installation fast and easy and the offset outward facing floor installation holes allow for easy power tool access.

Applications: General purposes that require a K13 rated transformer including telecommunications equipment and branch circuits in classrooms and healthcare facilities.

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.

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

WARNING

MT-K13-1P-120.240V-50KVA-120.240V-N3R

Product ID: 237958

Harmonized System (HS) Code: 85043300

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

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