



```
<table width="100%" border="0">
<tbody>
<tr>
<td style="width: 61%;"><strong><span style="color: #000000; font-size: 10px; text-
decoration: underline;">MT-DOE16-1P-230V-29KVA-230V-N3R Isolation
Transformer</span></strong></td>
<td style="width: 39%;"><span style="color: #000000; font-size: 10px;"><strong><span
style="text-decoration: underline;">Ratings</span></strong></span></td>
</tr>
</tbody>
</table>
<table width="100%" border="0">
<tbody>
<tr>
<td style="width: 61%;"><span style="color: #000000; font-size:
10px;"><strong>Phase:</strong></span><span style="font-size: 10px;"> Single Phase</span></td>
<td><span style="font-size: 10px;">Listed for United States and Canada</span></td>
</tr>
<tr>
<td><span style="color: #000000; font-size: 10px;"><strong>Frequency:</strong></span><span
style="font-size: 10px;"> 60 Hz</span></td>
<td><span style="font-size: 10px;">ANN Cooling</span></td>
</tr>
<tr>
<td><span style="color: #000000; font-size: 10px;"><strong>kVA:</strong></span><span
style="font-size: 10px;"> 29</span> </td>
<td><span style="font-size: 10px;">IP14 Rated</span></td>
</tr>
</tbody>
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</tr>
<tr>
<td><span style="color: #000000; font-size: 10px;"><strong>Primary
Voltage:</strong></span><span style="font-size: 10px;"> 230 V</span></td>
<td><span style="font-size: 10px;">Isolation Transformer</span></td>
</tr>
<tr>
<td><span style="color: #000000; font-size: 10px;"><strong>Primary FCAN:</strong></span><span
style="font-size: 10px;"> None</span></td>
<td><span style="font-size: 10px;">DOE 2016 / NRCAN 2019 (Also Meets ON Reg.
404/12)</span></td>
</tr>
<tr>
<td><span style="color: #000000; font-size: 10px;"><strong>Primary FCBN:</strong></span><span
style="font-size: 10px;"> None</span></td>
<td><span style="font-size: 10px;">C22.2 No. 47</span></td>
</tr>
<tr>
<td><span style="color: #000000; font-size: 10px;"><strong>Secondary
Voltage:</strong></span><span style="font-size: 10px;"> 230 V</span></td>
<td><span style="font-size: 10px;">UL 506</span></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Winding
Material:</strong></span><span style="font-size: 10px;"> Aluminum</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size:
10px;"><strong>Efficiency:</strong></span><span style="font-size: 10px;"> 0.9822</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>No Load
Losses:</strong></span><span style="font-size: 10px;"> 145W</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Full Load
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Losses:</strong></span><span style="font-size: 10px;"> 821W</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Regulation @
100% PF:</strong></span><span style="font-size: 10px;"> 0.0365</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size:
10px;"><strong>Insulation:</strong></span><span style="font-size: 10px;"> 220Â°C</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Temperature
Rise:</strong></span><span style="font-size: 10px;"> 150Â°C</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Impedance
(Std):</strong></span><span style="font-size: 10px;"> - </span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Seismic
Zone:</strong></span><span style="font-size: 10px;"> Zone 4</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Sound
Level:</strong></span><span style="font-size: 10px;"> Meets NEMA ST-20 Standards</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Primary
Termination:</strong></span><span style="font-size: 10px;"> Front Accessible
Terminals</span></td>
<td></td>
</tr>
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<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Secondary
Termination:</strong></span><span style="font-size: 10px;"> Front Accessible
Terminals</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Enclosure
Material:</strong></span><span style="font-size: 10px;"> NEMA Type 3R Heavy Duty
Ventilated</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size:
10px;"><strong>Finish:</strong></span><span style="font-size: 10px;"> ANSI 61 Grey, UL50
Finish</span></td>
<td></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size:
10px;"><strong>Dimensions:</strong></span><span style="font-size: 10px;"> 25.5"H x 24.39"W x
25.37"D </span></td>
<td><span style="color: #000000; font-size: 10px;"><strong><span style="text-decoration:
underline;">Special Orders- Requirements</span></strong></span></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size:
10px;"><strong>Weight:</strong></span><span style="font-size: 10px;"> 280 lb</span></td>
<td><span style="font-size: 10px;">Contact us for special requirements</span></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Shipping
Dimensions:</strong></span><span style="font-size: 10px;"> 33.5"H x 48"W x 48"D </span></td>
<td><strong><span style="color: #000000; font-size: 10px;">Toll Free:</span></strong> <span
style="font-size: 10px;">1-800-369-6671</span></td>
</tr>
<tr>
<td style="height: 14px;"><span style="color: #000000; font-size: 10px;"><strong>Shipping
Weight:</strong></span><span style="font-size: 10px;"> 345 lb</span></td>
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<td>Intl: 1-214-616-6180</td>

</tr>

<tr>

<td style="height: 14px;">Mounting: Floor Mount</td>

<td>E-mail: sales@larsonelectronics.com</td>

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</table>

<SCRIPT type=text/javascript><!--function MM_openBrWindow(theURL,winName,features) {
//v2.0window.open(theURL,winName,features);}//--></SCRIPT>

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<td style="height: 110px;">

<p>The MT-DOE16-1P-230V-29KVA-230V-N3R 230 V 1 Phase Energy Efficient Isolation Transformer from Larson Electronics is powerful, reliable and designed with the environment in mind. Suitable for both indoor and outdoor applications, the MT-DOE16-1P-230V-29KVA-230V-N3R provides increased reliability 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.</p>

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

<p>Transformer Features: With a transformer rating of 29 kVA, the MT-DOE16-1P-230V-29KVA-230V-N3R transformer is a single phase unit with a primary voltage of 230 V. It also provides a secondary voltage of 230 V. Featuring robust construction, this unit's cores are manufactured with non-aging, cold-rolled silicon steel laminations using state of the art technology.</p>

<p>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 NEMA Type 3R enclosure makes

the unit suitable for both indoor and outdoor applications and it can be floor mounted. The unit also features 220Â°C insulation with a 150Â°C temperature rise and is rated IP14. These units are also available in NEMA 2, NEMA 4, and NEMA 4X configurations. Please email Larson Electronics at sales@larsonelectronics.com for more information.

Benefits: The MT-DOE16-1P-230V-29KVA-230V-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.

Safety: The MT-DOE16-1P-230V-29KVA-230V-N3R is an isolation transformer which means that it provides operators with an increased level of protection against electric shock. An isolation transformer can also suppress electrical noise in sensitive devices and transfer power between two circuits which must not be connected. The MT-DOE16-1P-230V-29KVA-230V-N3R achieves these safety features by separating or "isolating" the powered device from the power source and insulation between the primary and secondary power sources.

Applications: General purposes.

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.

</td>

</tr>

</tbody>

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

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Warranty: 6 Months

Links (Click on the below items to view):

- [addpic1large](#)
- [addpic2large](#)
- [large](#)
- [Manual](#)
- [medium](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)