## Product data sheet

**EX75T3H**

**DOE 2016 LV XFMR, 3 Phase, 75kVA, 480 Delta-208Y/120, AL, 150°C Rise-220C INS**

Product availability: Stock - Normally stocked in distribution facility

Price**: 4,744.00 USD

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### Main

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range of product</td>
<td>Square D</td>
</tr>
<tr>
<td>Product or component type</td>
<td>DOE 2016 energy efficient transformer</td>
</tr>
<tr>
<td>Device application</td>
<td>Low voltage electrical distribution</td>
</tr>
<tr>
<td>Number of tap-offs</td>
<td>2- Tap Values: 2.5 % FCAN</td>
</tr>
<tr>
<td></td>
<td>4- Tap Values: 2.5 % FCBN</td>
</tr>
</tbody>
</table>

### Complementary

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase</td>
<td>3 phases</td>
</tr>
<tr>
<td>Rated operational power in VA</td>
<td>75 kVA</td>
</tr>
<tr>
<td>Network frequency</td>
<td>60 Hz</td>
</tr>
<tr>
<td>Type of cooling</td>
<td>Natural convection</td>
</tr>
<tr>
<td>Primary voltage</td>
<td>480 V delta</td>
</tr>
<tr>
<td>Secondary voltage</td>
<td>208Y/120 V</td>
</tr>
<tr>
<td>Coil Material</td>
<td>Aluminium</td>
</tr>
<tr>
<td>[Uimp] rated impulse withstand voltage</td>
<td>10 kV</td>
</tr>
<tr>
<td>Temperature Rating</td>
<td>150 °C</td>
</tr>
<tr>
<td></td>
<td>220 °C insulated</td>
</tr>
<tr>
<td>DOE Efficiency</td>
<td>98.68 % 35 %load, 167 °F (75 °C)</td>
</tr>
<tr>
<td>Sound Level</td>
<td>44 dB</td>
</tr>
<tr>
<td></td>
<td>6 dB below NEMA ST-20</td>
</tr>
<tr>
<td>Height</td>
<td>42.01 in (1067 mm)</td>
</tr>
<tr>
<td>Depth</td>
<td>22.76 in (578 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>30.08 in (764 mm)</td>
</tr>
<tr>
<td>Product weight</td>
<td>571 lb (US) (259 kg)</td>
</tr>
<tr>
<td>X/R Ratio</td>
<td>1.16</td>
</tr>
<tr>
<td>Let Through Current</td>
<td>5.6 kA</td>
</tr>
<tr>
<td>Transformer Losses</td>
<td>169 Watts no load (core loss)</td>
</tr>
</tbody>
</table>

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
1819 Watts load loss (coil loss)

Transformer BTU/HR
- 747.683445627688 at 16.6 % loading
- 964.569891625 at 25 % loading
- 2128.3235725 at 50 % loading
- 4067.913040625 at 75 % loading
- 6783.338296 at 100 % loading

Mounting support
- Floor, with 7400FMB
- Wall, with 7400WMB18K20K
- Ceiling, with 7400CMB20K

Degree of protection
- UL type 1
- UL type 2, with 7400DS20K
- UL type 3R, with 7400WS20K

Electrical connection
- 2 Hole Nema Pad primary Hole(s), 11.1 mm Ø
- 2 Hole Nema Pad secondary Hole(s), 11.1 mm Ø
- 4 Hole Nema Pad sec - XO Hole(s), 11.1 mm Ø

Environment

Standards
- UL 1561
- NEMA ST-20
- CSA C22.2 No 47

Ambient air temperature for operation
- 104 °F (40 °C)

Average ambient air temperature for operation
- 30 °C

Ordering and shipping details

Category
- 16250 - 3PH EX/2016 15-150KVA LVGP XFMR

Discount Schedule
- PE2X

GTIN
- 00785901405719

Nbr. of units in pkg.
- 1

Package weight(Lbs)
- 647

Returnability
- Y

Country of origin
- MX

Offer Sustainability

Sustainable offer status
- Green Premium product

RoHS (date code: YYWW)
- Compliant - since 1536 - Schneider Electric declaration of conformity

REACH
- Reference not containing SVHC above the threshold

Product environmental profile
- Available

Product end of life instructions
- Need no specific recycling operations

California proposition 65
- WARNING: This product can expose you to chemicals including:
  - - - - - - - Substance 1: Phenyl glycidyl ether, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

- - - - - - - More information
- For more information go to www.p65warnings.ca.gov