EX45T3H
DOE 2016 LV XFMR, 3 Phase, 45kVA, 480 Delta-208Y/120, AL, 150°C Rise-220C INS

Product availability: Stock - Normally stocked in distribution facility

Price*: $3,321.00 USD

Main
Range of product: Square D
Product or component type: DOE 2016 energy efficient transformer
Device application: Low voltage electrical distribution
Number of tap-offs: 2- Tap Values: 2.5 % FCAN
4- Tap Values: 2.5 % FCBN

Complementary
Phase: 3 phases
Rated operational power in VA: 45 kVA
Network frequency: 60 Hz
Type of cooling: Natural convection
Primary voltage: 480 V delta
Secondary voltage: 208Y/120 V
Coil Material: Aluminium
[Imp] rated impulse withstand voltage: 10 kV
Temperature Rating: 150 °C
220 °C insulated
DOE Efficiency: 98.53 % 35 %load, 167 °F (75 °C)
Sound Level: 6 dB belowNEMA ST-20
39 dB
Height: 35.31 in (897 mm)
Depth: 20.98 in (533 mm)
Width: 25.51 in (648 mm)
Product weight: 485 lb (219.99 kg)
X/R Ratio: 1.14
Let Through Current: 2.5 kA
Transformer Losses: 84 Watts no load (core loss)
<table>
<thead>
<tr>
<th>Transformer BTU/HR</th>
<th>1512 Watts load loss (coil loss)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>428.785705247424 at 16.6% loading</td>
</tr>
<tr>
<td></td>
<td>609.067347 at 25% loading</td>
</tr>
<tr>
<td></td>
<td>1576.409604 at 50% loading</td>
</tr>
<tr>
<td></td>
<td>3188.646699 at 75% loading</td>
</tr>
<tr>
<td></td>
<td>5445.778632 at 100% loading</td>
</tr>
<tr>
<td>Mounting support</td>
<td>Floor, with 7400FMB</td>
</tr>
<tr>
<td></td>
<td>Ceiling, with 7400CMB18K</td>
</tr>
<tr>
<td></td>
<td>Wall, with 7400WMB18K20K</td>
</tr>
<tr>
<td>Degree of protection</td>
<td>UL type 1</td>
</tr>
<tr>
<td></td>
<td>UL type 2, with 7400DS18K</td>
</tr>
<tr>
<td></td>
<td>UL type 3R, with 7400WS18K</td>
</tr>
<tr>
<td>Electrical connection</td>
<td>2 Hole Nema Pad primary Hole(s), 11.1 mm Ø</td>
</tr>
<tr>
<td></td>
<td>2 Hole Nema Pad secondary Hole(s), 11.1 mm Ø</td>
</tr>
<tr>
<td></td>
<td>4 Hole Nema Pad sec - XO Hole(s), 11.1 mm Ø</td>
</tr>
</tbody>
</table>

### 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**
- 00785901472674

**Nbr. of units in pkg.**
- 1

**Package weight(Lbs)**
- 494

**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