

EXN150T3HCU

Transformer, dry type, DOE 2016, 150kVA,
3 phase, 480V delta primary, 208Y/120V
secondary, 22M, 150C rise, Cu



Main

| | |
|---------------------------|-------------------------------------|
| Range of Product | Square D |
| Product or Component Type | Transformer |
| Device short name | DOE 2016 |
| Transformer type | Energy efficient |
| Device Application | Low voltage electrical distribution |

Complementary

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|-------------------------------|---|
| Box number | 22M |
| Phase | 3 phase |
| Rated operational power in VA | 150 kVA |
| Network Frequency | 60 Hz |
| Type of cooling | Natural convection |
| Primary Voltage | 480 V delta |
| Number of tap-offs | 2 2.5 % FCAN 4 2.5 % FCBN |
| Primary operational current | 180.42 A 416.36 A 150 kVA |
| Secondary voltage | 208Y/120 V |
| Coil Material | Copper |
| Basic IMP level (BIL) | 10 kV |
| Temperature Rise | 150 °C 220 °C insulated |
| DOE Efficiency | 98.98 % at 35 % load factor , 167 °F (75.0 °C) |
| Sound Level | 47 DB 3 dB NEMA ST-20 |
| %IZ | 3.79 % |
| %IX | 3.26 % |
| X/R Ratio | 1.70 |
| Inrush current | 1633 A |
| Let Through Current | 11.57 kA |
| Transformer Losses | 263 no load (core loss) 2796 load loss (coil loss) |
| Transformer BTU/HR | 1163 16.6 % 1494 25 % 3282 50 % 6264 75 % 10438 100 % |
| Height | 40.59 in (1031 mm) |
| Depth | 32.56 in (827 mm) |
| Width | 33.66 in (855 mm) |
| Net Weight | 1155.99 lb(US) (524.35 kg) |
| Mounting support | Floor Floor, with 7400FMB Ceiling, with 7400CMB22M |

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| Degree of protection | UL type 2 UL type 3R, with 7400WS22M |
| Electrical connection | 4 Hole Nema Pad secondary 0.44 in (11.1 mm) 6 Hole Nema Pad sec - XO 0.44 in (11.1 mm) 2 Hole Nema Pad primary 0.44 in (11.1 mm) |
| Number of mounting holes | 4 Ø: 0.51 in (13 mm) |

Environment

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| Ambient Air Temperature for Operation | 104 °F (40 °C) |
| Average ambient air temperature for operation | 30 °C |
| Standards | UL 1561 CSA C22.2 No 47 NEMA ST-20 |

Ordering and shipping details

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|-------------------|--|
| Category | 16256-3PH EXN/2016 15-150KVA LVGP XFMR |
| Discount Schedule | PE2X |
| GTIN | 785901514770 |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

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|------------------------------|----------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 46.10 in (117.094 cm) |
| Package 1 Width | 38.20 in (97.028 cm) |
| Package 1 Length | 35.00 in (88.9 cm) |
| Package 1 Weight | 1258.99 lb(US) (571.07 kg) |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Phenyl Glycidyl Ether, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| PVC free | Yes |