

EXN112T6HCT

LowVoltage Transformer, DOE 2016, 3 phase, 112.5kVA, 480V Delta primary/240V Delta secondary, 120CT, AL, 150°C rise



Main

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

Complementary

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| Box number | 21M |
| Phase | 3 phase |
| Rated operational power in VA | 112.5 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 | 135.32 A 270.63 A 112.5 kVA |
| Secondary voltage | 240 V delta Centre tap 120 V |
| Coil Material | Aluminium |
| Basic IMP level (BIL) | 10 kV |
| Temperature Rise | 150 °C 220 °C insulated |
| DOE Efficiency | 98.81 % at 35 % load factor , 167 °F (75.0 °C) |
| Sound Level | 44 DB 6 dB NEMA ST-20 |
| %IZ | 3.47 % |
| %IX | 2.77 % |
| X/R Ratio | 1.46 |
| Inrush current | 1518 A |
| Let Through Current | 7.80 kA |
| Transformer Losses | 227 no load (core loss) 2463 load loss (coil loss) |
| Transformer BTU/HR | 1008 16.6 % 1300 25 % 2876 50 % 5502 75 % 9197 100 % |
| Height | 37.52 in (953 mm) |
| Depth | 28.43 in (722 mm) |
| Width | 31.30 in (795 mm) |
| Net weight | 730.00 lb(US) (331.12 kg) |
| Mounting support | Floor Floor, with 7400FMB Ceiling, with 7400CMB21M |

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| Degree of protection | UL type 2 UL type 3R, with 7400WS21M |
| Electrical connection | 4 Hole Nema Pad secondary 0.44 in (11.1 mm) 4 Hole Nema Pad primary 0.44 in (11.1 mm) |
| Number of mounting holes | 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 | 785901520177 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 865.00 lb(US) (392.357 kg) |
| Returnability | Yes |

Packing Units

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|------------------------|--------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 37.52 in (95.3 cm) |
| Package 1 width | 31.30 in (79.5 cm) |
| Package 1 Length | 28.43 in (72.2 cm) |

Offer Sustainability

| | |
|----------------------------|---|
| 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 |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |