

EXN112T3HCU

Transformer, dry type, DOE 2016, 112.5kVA,
3 phase, 480V delta primary, 208Y/120V
secondary, 21M, 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

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 312.27 A 112.5 kVA
Secondary voltage	208Y/120 V
Coil Material	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.80 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	47 DB 6 dB NEMA ST-20
%IZ	3.27 %
%IX	2.67 %
X/R Ratio	1.39
Inrush current	1563 A
Let Through Current	9.55 kA
Transformer Losses	238 no load (core loss) 2389 load loss (coil loss)
Transformer BTU/HR	1039 16.6 % 1322 25 % 2850 50 % 5397 75 % 8964 100 %
Height	37.52 in (953 mm)
Depth	28.43 in (722 mm)
Width	31.30 in (795 mm)
Net Weight	974.00 lb(US) (441.80 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB21M

Degree of protection	UL type 2 UL type 3R, with 7400WS21M
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) 4 Hole Nema Pad primary 0.44 in (11.1 mm)
Number of mounting holes	4 Ø: 0.51 in (13 mm)

Environment

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

Category	16250-3PH EX/2016 15-150KVA LVGP XFMR
Discount Schedule	PE2X
GTIN	785901436881
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	43.50 in (110.49 cm)
Package 1 Width	35.00 in (88.9 cm)
Package 1 Length	35.00 in (88.9 cm)
Package 1 Weight	847.99 lb(US) (384.64 kg)

Offer Sustainability

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