

EXN112T3HF

Transformer, dry type, DOE 2016, 112.5kVA,
3 phase, 480V delta primary, 208Y/120V
secondary, 21M, 115C rise



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	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	115 °C 220 °C insulated
DOE Efficiency	98.84 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	49 DB 6 dB NEMA ST-20
%IZ	3.30 %
%IX	2.76 %
X/R Ratio	1.58
Inrush current	1536 A
Let Through Current	9.46 kA
Transformer Losses	236 no load (core loss) 2124 load loss (coil loss)
Transformer BTU/HR	1010 16.6 % 1262 25 % 2621 50 % 4885 75 % 8056 100 %
Height	37.52 in (953 mm)
Depth	28.43 in (722 mm)
Width	31.30 in (795 mm)
Net Weight	806.01 lb(US) (365.60 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	16256-3PH EXN/2016 15-150KVA LVGP XFMR
Discount Schedule	PE2X
GTIN	785901478188
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
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)
Package 1 Weight	1100.00 lb(US) (498.952 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
PVC free	Yes
Halogen content performance	Halogen free plastic parts product