

EXN150T3H

Transformer, dry type, DOE 2016, 150kVA,
3 phase, 480V delta primary, 208Y/120V
secondary, 22M, 150C 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	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	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.89 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	47 DB 3 dB NEMA ST-20
%IZ	3.10 %
%IX	2.48 %
X/R Ratio	1.47
Inrush current	2714 A
Let Through Current	13.43 kA
Transformer Losses	301 no load (core loss) 2909 load loss (coil loss)
Transformer BTU/HR	1303 16.6 % 1647 25 % 3509 50 % 6620 75 % 10953 100 %
Height	40.59 in (1031 mm)
Depth	32.56 in (827 mm)
Width	33.66 in (855 mm)
Net Weight	933.00 lb(US) (423.20 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB22M

Degree of protection	UL type 2 UL type 3R, with 7400WS22M
Electrical connection	4 Hole Nema Pad primary 0.44 in (11.1 mm) 4 Hole Nema Pad secondary 0.44 in (11.1 mm) 6 Hole Nema Pad sec - XO 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	785901357940
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	46.50 in (118.11 cm)
Package 1 Width	38.00 in (96.52 cm)
Package 1 Length	35.00 in (88.9 cm)
Package 1 Weight	1014.99 lb(US) (460.39 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
Halogen content performance	Halogen free plastic parts product