

EXN150T1814H

LowVoltage Transformer, DOE 2016, 3 phase,
150kVA, 480V Delta primary/480Y/277V
secondary, AL, 150°C rise



Main

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

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 180.42 A 150 kVA
Secondary voltage	480Y/277 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.93 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 DB 3 dB NEMA ST-20
%IZ	3.08 %
%IX	2.56 %
X/R Ratio	1.67
Inrush current	1983 A
Let Through Current	5.86 kA
Transformer Losses	297 no load (core loss) 2719 load loss (coil loss)
Transformer BTU/HR	1271 16.6 % 1593 25 % 3333 50 % 6232 75 % 10291 100 %
Height	40.59 in (1031 mm)
Depth	32.56 in (827 mm)
Width	33.66 in (855 mm)
Net Weight	1012.01 lb(US) (459.04 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB22M

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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	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	785901514626
Nbr. of units in pkg.	1
Package weight(Lbs)	1100.00 lb(US) (498.952 kg)
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	40.59 in (103.1 cm)
Package 1 width	33.66 in (85.5 cm)
Package 1 Length	32.56 in (82.7 cm)

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
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
PVC free	Yes
Halogen content performance	Halogen free plastic parts product