

EXN15T6HCT

LowVoltage Transformer, DOE 2016, 3 phase, 15kVA, 480V Delta primary/240V Delta secondary, 120CT, 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	17M
Phase	3 phase
Rated operational power in VA	15 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	18.04 A 36.08 A 15 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	98.02 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 39 dB
%IZ	4.70 %
%IX	2.97 %
X/R Ratio	0.98
Inrush current	195 A
Let Through Current	0.77 kA
Transformer Losses	51 no load (core loss) 555 load loss (coil loss)
Transformer BTU/HR	227 16.6 % 292 25 % 647 50 % 1239 75 % 2068 100 %
Height	23.98 in (609 mm)
Depth	21.18 in (538 mm)
Width	21.50 in (546 mm)
Net Weight	192.99 lb(US) (87.54 kg)

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.

Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB17M Wall, with 7400WMB17M
Degree of protection	UL type 2 UL type 3R, with 7400WS22M
Electrical connection	2 Hole Nema Pad secondary 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	785901521310
Nbr. of units in pkg.	1
Package weight(Lbs)	230.00 lb(US) (104.326 kg)
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	23.98 in (60.9 cm)
Package 1 width	21.50 in (54.6 cm)
Package 1 Length	21.18 in (53.8 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