

EXN150T6H

Transformer, dry type, DOE 2016, 150kVA,
3 phase, 480V delta primary, 240V delta
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 360.84 A 150 kVA
Secondary voltage	240 V delta
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.91 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	47 DB 3 dB NEMA ST-20
%IZ	3.08 %
%IX	2.57 %
X/R Ratio	1.66
Inrush current	2053 A
Let Through Current	11.72 kA
Transformer Losses	306 no load (core loss) 2721 load loss (coil loss)
Transformer BTU/HR	1302 16.6 % 1624 25 % 3365 50 % 6267 75 % 10329 100 %
Height	40.59 in (1031 mm)
Depth	32.56 in (827 mm)
Width	33.66 in (855 mm)
Net Weight	1007.01 lb(US) (456.77 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB22M

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Degree of protection	UL type 2 UL type 3R, with 7400WS22M
Electrical connection	4 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	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
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
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)
Package 1 Weight	1100.00 lb(US) (498.952 kg)