Product data sheet
Characteristics

EXN150T6H
DOE 2016 LV XFMR, 3 Phase, 150kVA, 480 Delta-240 Delta, AL,



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 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
Degree of protection	UL type 2 UL type 3R, with 7400WS22M

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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	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
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No