

Product data sheet

Characteristics

EXN45T6H

DOE 2016 LV XFMR, 3 Phase, 45kVA, 480
Delta-240 Delta, AL,

Product availability : Non-Stock - Not normally stocked in distribution facility



Price* : 3,487.00 USD



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	19M
Phase	3 phase
Rated operational power in VA	45 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	54.13 A 108.25 A 45 kVA
Secondary voltage	240 V delta
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.44 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 dB NEMA ST-20 39 dB
%IZ	4.06 %
%IX	2.60 %

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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X/R Ratio	0.87
Inrush current	593 A
Let Through Current	2.67 kA
Transformer Losses	104 no load (core loss) 1449 load loss (coil loss)
Transformer BTU/HR	492 16.6 % 664 25 % 1591 50 % 3136 75 % 5299 100 %
Height	29.33 in (745 mm)
Depth	25.94 in (659 mm)
Width	25.51 in (648 mm)
Net Weight	369.01 lb(US) (167.38 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB18M19M20M Wall, with 7400WMB18M19M20M
Degree of protection	UL type 2 UL type 3R, with 7400WS18M19M20M
Electrical connection	2 Hole Nema Pad secondary 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