

Product data sheet

Characteristics

EXN112T3156H

DOE 2016 LV XFMR, 3 Phase, 112.5kVA, 208 Delta-208Y/120, AL, 150°C Rise-220C INS

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



Price* : 8,017.00 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	21M
Phase	3 phase
Rated operational power in VA	112.5 kVA
Network frequency	60 Hz
Type of cooling	Natural convection
Primary voltage	208 V delta
Primary operational current	270.63 A 312.27 A 112.5 kVA
Secondary voltage	208Y/120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.77 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 dB 6 dB NEMA ST-20
%IZ	3.62 %
%IX	2.89 %
X/R Ratio	1.43

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

Inrush current	2958 A
Let Through Current	8.97 kA
Transformer Losses	237 no load (core loss) 2556 load loss (coil loss)
Transformer BTU/HR	1048 16.6 % 1350 25 % 2986 50 % 5711 75 % 9527 100 %
Height	37.52 in (953 mm)
Depth	28.43 in (722 mm)
Width	31.30 in (795 mm)
Net Weight	810.99 lb(US) (367.86 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB21M
Degree of protection	UL type 2 UL type 3R, with 7400WS21M
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)
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	16257 - 3PH EXN/2016 15-150KVA MTO
Discount Schedule	PE2X
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No