

# Product data sheet

## Characteristics

# EXN75T6H

DOE 2016 LV XFMR, 3 Phase, 75kVA, 480  
Delta-240 Delta, AL,

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



Price\* : 4,981.00 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	20M
Phase	3 phase
Rated operational power in VA	75 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	90.21 A 180.42 A 75 kVA
Secondary voltage	240 V delta
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.64 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 dB 6 dB NEMA ST-20
%IZ	5.08 %
%IX	4.30 %

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

X/R Ratio	1.83
Inrush current	777 A
Let Through Current	3.55 kA
Transformer Losses	144 no load (core loss) 2126 load loss (coil loss)
Transformer BTU/HR	693 16.6 % 945 25 % 2305 50 % 4572 75 % 7746 100 %
Height	33.50 in (851 mm)
Depth	27.44 in (697 mm)
Width	30.08 in (764 mm)
Net Weight	529.00 lb(US) (239.95 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	4 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