

# Product data sheet

## Characteristics

# EXN150T1814H

DOE 2016 LV XFMR, 3 Phase, 150kVA, 480  
Delta-480Y/277, AL, 150°C Rise-220C INS

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



Price\* : 10,854.00 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	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 180.42 A 150 kVA
Secondary voltage	480Y/277 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.93 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 dB 3 dB NEMA ST-20
%IZ	3.08 %
%IX	2.56 %

\* 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	1.67
Inrush current	1983 A
Let Through Current	5.86 kA
Transformer Losses	297 no load (core loss) 2719 load loss (coil loss)
Transformer BTU/HR	1271 16.6 % 1593 25 % 3333 50 % 6232 75 % 10291 100 %
Height	40.59 in (1031 mm)
Depth	32.56 in (827 mm)
Width	33.66 in (855 mm)
Net Weight	1012.01 lb(US) (459.04 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB22M
Degree of protection	UL type 2 UL type 3R, with 7400WS22M
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) 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
GTIN	00785901514626
Nbr. of units in pkg.	1
Package weight(Lbs)	1100.00 lb(US) (498.952 kg)
Returnability	Yes

## Packing Units

Unit Type of Package 1	PCE
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)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Phenyl Glycidyl Ether, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes

Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
PVC free	Yes
Halogen content performance	Halogen free plastic parts product