Product data sheet
Characteristics

EX150T3HFNLP
DOE 2016 LV XFMR, 3 Phase, K-13, 150kVA, 480 Delta-208Y/120, AL,

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

Price* : 13,293.00 USD

Main

Range of product	Square D
Product or component type	Transformer
Device short name	DOE 2016
Transformer type	Energy efficient
Device application	Low voltage electrical distribution

Complementary

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
Secondary voltage	208Y/120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	115 °C 220 °C insulated
DOE Efficiency	99.04 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	49 dB 7 dB
%IZ	3.00 %
%IX	0.0278 %
X/R Ratio	2.47
Let Through Current	13.9 kA

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Transformer Losses	328.0 no load (core loss) 1692.0 load loss (coil loss)
Transformer BTU/HR	1278.219653824 16.6 % 1479.955 25 % 2562.412 50 % 4366.507 75 % 6892.24 100 %
Height	57.52 in (1461 mm)
Depth	32.76 in (832 mm)
Width	40.08 in (1018 mm)
Net Weight	1545.00 lb(US) (700.8 kg)
Mounting support	Floor Floor, with 7400FMB
Degree of protection	UL type 1 UL type 2, with 7400DS25J UL type 3R, with 7400WS25J
Electrical connection	4 Hole Nema Pad primary 0.44 in (11.1 mm) 6 Hole Nema Pad secondary 0.44 in (11.1 mm) 8 Hole Nema Pad sec - XO 0.44 in (11.1 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	16253 - 3PH EX/2016 K13 15-150KVA LVGP XFMR
Discount Schedule	PE2X
GTIN	00785901672418
Nbr. of units in pkg.	1
Package weight(Lbs)	1924 lb(US) (872.71 kg)
Returnability	No

Packing Units

Package 1 Height	5.36 ft (1.633 m)
Package 1 width	3.33 ft (1.016 m)
Package 1 Length	4.00 ft (1.219 m)

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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
PVC free	Yes

Halogen content performance	Halogen free plastic parts product