

Product data sheet

Characteristics

EX225T3HFCU

DOE 2016 LV XFMR, 3 Phase, 225kVA, 480
Delta-208Y/120, CU, 115°C Rise-220C INS

Product availability : Stock - Normally stocked in distribution facility



Price* : 17,837.00 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

Box number	24J
Phase	3 phase
Rated operational power in VA	225 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	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	115 °C 220 °C insulated
DOE Efficiency	99.06 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 dB NEMA ST-20 49 dB
%IZ	6.80 %
%IX	0.0662 %
X/R Ratio	3.85

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

Let Through Current	9.2 kA
Transformer Losses	333 no load (core loss) 3874 load loss (coil loss)
Transformer BTU/HR	1503 16.6 % 1962 25 % 4441 50 % 8572 75 % 14355 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	16251 - 3PH EX/2016 225-300KVA LVGP XFMR
Discount Schedule	PE2X
GTIN	00785901623618
Nbr. of units in pkg.	1
Package weight(Lbs)	2295.38 lb(US) (1041.17 kg)
Returnability	Yes

Packing Units

Package 1 Height	5.33 ft (1.626 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
RECh Regulation	RECh Declaration
RECh 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
