

EX225T1814H

Transformer, dry type, DOE 2016, 225kVA,
3 phase, 480V delta primary, 480Y/277V
secondary, 25J, 150C rise



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	25J
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	480Y/277 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	99.04 % at 35 % load factor , 167.0000000000 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 49 dB
%IZ	0.046 %
%IX	0.0418 %
X/R Ratio	2.13
Let Through Current	5.9 kA
Transformer Losses	324.0 no load (core loss) 4423.0 load loss (coil loss)
Transformer BTU/HR	1521.406516442696 16.6 % 2048.778012125 25 % 4878.510024499999 50 % 9594.730045125 75 % 16197.438074 1.0 %
Height	57.5 in (1461 mm)
Depth	32.8 in (832 mm)
Width	40.08 in (1018 mm)
Net Weight	1450.004 lb(US) (657.71 kg)
Mounting support	Floor Floor, with 7400FMB

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Degree of protection	UL type 1 UL type 2, with 7400DS25J UL type 3R, with 7400WS25J
Electrical connection	4 Hole Nema Pad primary 0.4 in (11.1 mm) 6 Hole Nema Pad secondary 0.4 in (11.1 mm) 8 Hole Nema Pad sec - XO 0.4 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	US1PE2X16500
Discount Schedule	PE2X
GTIN	785901750833
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	57.6 in (146.4 cm)
Package 1 Width	35.0000000000 in (88.9 cm)
Package 1 Length	42.6 in (108.3 cm)
Package 1 Weight	1718.002 lb(US) (779.272 kg)

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
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
PVC free	Yes
Halogen content performance	Halogen free plastic parts product

Approximate Dimensions

