



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	25
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	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	220 °C insulated 150 °C
DOE Efficiency	99.06 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 49 dB
%IZ	4.40 %
%IX	0.0388 %
X/R Ratio	1.95
Let Through Current	14.3 kA
Transformer Losses	302.0 no load (core loss) 4475.0 load loss (coil loss)
Transformer BTU/HR	1451.2286916602 16.6 % 1984.8003496249999 25 % 4847.8007465 50 % 9619.468074625 75 % 16299.802333999998 1.0 %
Height	57.52 in (1461 mm)
Depth	32.76 in (832 mm)
Width	40.08 in (1018 mm)
Net Weight	1450.00 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 0.44 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	785901009160
Nbr. of units in pkg.	1
Package weight(Lbs)	2028.36 lb(US) (920.047 kg)
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	55.98 in (142.2 cm)
Package 1 width	32.99 in (83.8 cm)
Package 1 Length	42.01 in (106.7 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 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
Environmental Disclosure	Product Environmental Profile
PVC free	Yes
Halogen content performance	Halogen free plastic parts product

Approximate Dimensions

