



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

Phase	3 phase
Rated operational power in VA	75 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	150 °C 220 °C insulated
DOE Efficiency	98.68 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 DB 6 dB NEMA ST-20
%IZ	0.037 %
%IX	0.0281 %
X/R Ratio	1.16
Let Through Current	5.6 kA
Transformer Losses	169.0 no load (core loss) 1819.0 load loss (coil loss)
Transformer BTU/HR	747.683445627688 16.6 % 964.569891625 25 % 2128.3235725 50 % 4067.9130406249997 75 % 6783.338296 100 %
Height	42.01 in (1067 mm)
Depth	22.76 in (578 mm)
Width	30.08 in (764 mm)
Product Weight	571.00 lb(US) (259 kg)
Mounting support	Floor Floor, with 7400FMB Wall, with 7400WMB18K20K Ceiling, with 7400CMB20K

Degree of protection	UL type 1 UL type 2, with 7400DS20K UL type 3R, with 7400WS20K
Electrical connection	2 Hole Nema Pad primary 0.44 in (11.1 mm) 2 Hole Nema Pad secondary 0.44 in (11.1 mm) 4 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	16250 - 3PH EX/2016 15-150KVA LVGP XFMR
Discount Schedule	PE2X
GTIN	785901405719
Nbr. of units in pkg.	1
Package weight(Lbs)	647 lb(US) (293.47 kg)
Returnability	No
Country of origin	MX

Packing Units

Package 1 Height	4.00 ft (1.219 m)
Package 1 width	2.36 ft (0.719 m)
Package 1 Length	2.96 ft (0.902 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
Environmental Disclosure	Product Environmental Profile
PVC free	Yes
Halogen content performance	Halogen free plastic parts product

Approximate Dimensions

