



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	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	115 °C 220 °C insulated
DOE Efficiency	98.88 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	47 DB 6 dB NEMA ST-20
%IZ	0.028 %
%IX	0.023 %
X/R Ratio	1.45
Let Through Current	7.4 kA
Transformer Losses	171.0 no load (core loss) 1184.0 load loss (coil loss)
Transformer BTU/HR	694.772949248 16.6 % 835.9399999999999 25 % 1593.404 50 % 2855.844 75 % 4623.26 100 %
Height	45.98 in (1168 mm)
Depth	24.02 in (610 mm)
Width	31.30 in (795 mm)
Net Weight	1025.00 lb(US) (464.93 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB21K

Degree of protection	UL type 1 UL type 2, with 7400DS21K UL type 3R, with 7400WS21K
Electrical connection	4 Hole Nema Pad primary 0.44 in (11.1 mm) 4 Hole Nema Pad secondary 0.44 in (11.1 mm) 6 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	785901622291
Nbr. of units in pkg.	1
Package weight(Lbs)	849.99 lb(US) (385.55 kg)
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	52.01 in (132.1 cm)
Package 1 width	35.00 in (88.9 cm)
Package 1 Length	30.00 in (76.2 cm)
Unit Type of Package 2	PAL
Number of Units in Package 2	1
Package 2 Weight	958.86 lb(US) (434.932 kg)
Package 2 Height	52.00 in (132.08 cm)
Package 2 width	35.00 in (88.9 cm)
Package 2 Length	30.00 in (76.2 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