



Main

Range of product	Square D
Product or component type	DOE 2016 energy efficient transformer
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	240 V delta Centre tap 120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	220 °C insulated 150 °C
DOE Efficiency	99.04 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 49 dB
%IZ	4.2 %
%IX	0.0383 %
X/R Ratio	2.17
Let Through Current	12.8 kA
Transformer Losses	370.0 no load (core loss) 3970.0 load loss (coil loss)
Transformer BTU/HR	1635.7717302594401 16.6 % 2109.13027375 25 % 4649.0434749999995 50 % 8882.23214375 75 % 14808.696279999998 100 %
Height	57.52 in (1461 mm)
Maximum 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

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)

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	00785901750925
Package weight(Lbs)	2061.34 lb(US) (935.01 kg)
Returnability	No

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

