

Product data sheet

Specifications

SQUARE D

Green Premium™



Low Voltage Transformer, DOE 2016, 3 Phase, K-13, 75 kVA, 480V Delta primary / 208Y/120V secondary, AL, 150°C Rise

EX75T3HNLP

⚠ Discontinued

⚠ Discontinued on: 22 November 2021

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	150 °C 220 °C insulated
DOE Efficiency	98.86 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 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) 1306.0 load loss (coil loss)
Transformer BTU/HR	706.243520032 16.6 % 861.9565 25 % 1697.47 50 % 3089.9925 75 %

5039.523999999999 100 %

Height	45.98 in (1168 mm)
Depth	24.02 in (610 mm)
Width	31.30 in (795 mm)
Product 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	785901504931
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	52.01 in (132.1 cm)
Package 1 Width	35.51 in (90.2 cm)
Package 1 Length	30.00 in (76.2 cm)
Package 1 Weight	849.99 lb(US) (385.55 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 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 Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes

Environmental Disclosure [Product Environmental Profile](#)

PVC free Yes

Halogen content performance Halogen free plastic parts product

Recommended replacement(s)

EX75T3HNLP is replaced by:

1x



Low voltage transformer, DOE 2016, dry type, 3 phase, 75kVA, 480V pri, 208Y/120V sec, Al, 150C rise, Type 2, K13
EXN75T3HNLP
