

Product data sheet

Characteristics

EXN75T3155H

Low voltage transformer, DOE 2016, dry type, 3 phase, 75kVA, 208V pri, 480/277V sec, Al, 150C rise, Type 2



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	20M
Phase	3 phase
Rated operational power in VA	75 kVA
Network Frequency	60 Hz
Type of cooling	Natural convection
Primary Voltage	240 V delta
Primary operational current	180.42 A 90.21 A 75 kVA
Secondary voltage	480Y/277 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.66 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 DB 6 dB NEMA ST-20
%IZ	4.05 %
%IX	3.14 %
X/R Ratio	1.33
Inrush current	2207 A
Let Through Current	2.29 kA
Transformer Losses	160 no load (core loss) 2018 load loss (coil loss)
Transformer BTU/HR	737 16.6 % 976 25 % 2267 50 % 4419 75 % 7432 100 %
Height	33.50 in (851 mm)
Depth	27.44 in (697 mm)
Width	30.08 in (764 mm)
Net Weight	543.99 lb(US) (246.75 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB18M19M20M Wall, with 7400WMB18M19M20M
Degree of protection	UL type 2 UL type 3R, with 7400WS18M19M20M

Electrical connection	2 Hole Nema Pad secondary 0.44 in (11.1 mm) 4 Hole Nema Pad sec - HO 0.44 in (11.1 mm) 4 Hole Nema Pad primary 0.44 in (11.1 mm)
Number of mounting holes	4 Ø: 0.51 in (13 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	16256-3PH EXN/2016 15-150KVA LVGP XFMR
Discount Schedule	PE2X
GTIN	785901963356
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	33.50 in (85.1 cm)
Package 1 Width	30.08 in (76.4 cm)
Package 1 Length	27.44 in (69.7 cm)
Package 1 Weight	620.00 lb(US) (281.227 kg)