

Product data sheet

Characteristics

EXN15T3155H

Transformer, dry type, DOE 2016, 15kVA,
3 phase, 240V delta primary, 480Y/277V
secondary, 17M, 150C rise



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	17M
Phase	3 phase
Rated operational power in VA	15 kVA
Network Frequency	60 Hz
Type of cooling	Natural convection
Primary Voltage	240 V delta
Primary operational current	36.08 A 18.04 A 15 kVA
Secondary voltage	480Y/277 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	97.94 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 42 dB
%IZ	4.24 %
%IX	2.12 %
X/R Ratio	0.66
Inrush current	1089 A
Let Through Current	0.90 kA
Transformer Losses	55 no load (core loss) 562 load loss (coil loss)
Transformer BTU/HR	241 16.6 % 308 25 % 667 50 % 1266 75 % 2105 100 %
Height	23.98 in (609 mm)
Depth	21.18 in (538 mm)
Width	21.50 in (546 mm)
Net Weight	191.01 lb(US) (86.64 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB17M Wall, with 7400WMB17M
Degree of protection	UL type 2 UL type 3R, with 7400WS22M

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) 2 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
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	23.98 in (60.9 cm)
Package 1 Width	21.50 in (54.6 cm)
Package 1 Length	21.18 in (53.8 cm)
Package 1 Weight	230.00 lb(US) (104.326 kg)