

EXN15T3HFCU

Transformer, dry type, DOE 2016, 15kVA,
3 phase, 480V delta primary, 208Y/120V
secondary, 17M, 115C rise, Cu



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	480 V delta
Number of tap-offs	2 2.5 % FCAN 4 2.5 % FCBN
Primary operational current	135.32 A 312.27 A 112.5 kVA
Secondary voltage	208Y/120 V
Coil Material	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	115 °C 220 °C insulated
DOE Efficiency	98.03 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 44 dB
%IZ	3.90 %
%IX	1.68 %
X/R Ratio	0.43
Inrush current	272 A
Let Through Current	1.07 kA
Transformer Losses	48 no load (core loss) 534 load loss (coil loss)
Transformer BTU/HR	214 16.6 % 278 25 % 619 50 % 1189 75 % 1986 100 %
Height	23.98 in (609 mm)
Depth	21.18 in (538 mm)
Width	21.50 in (546 mm)
Net Weight	219.01 lb(US) (99.34 kg)

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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 - XO 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
GTIN	785901436683
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	30.00 in (76.2 cm)
Package 1 Width	25.00 in (63.5 cm)
Package 1 Length	25.00 in (63.5 cm)
Package 1 Weight	242.99 lb(US) (110.22 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 Regulation	REACH Declaration
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
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
PVC free	Yes