

Product data sheet

Characteristics

EXN30T3HCU

Transformer, dry type, DOE 2016, 30kVA,
3 phase, 480V delta primary, 208Y/120V
secondary, 18M, 150C 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	18M
Phase	3 phase
Rated operational power in VA	30 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	36.08 A 83.27 A 30 kVA
Secondary voltage	208Y/120 V
Coil Material	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.38 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 42 dB
%IZ	4.08 %
%IX	2.24 %
X/R Ratio	0.65
Inrush current	430 A
Let Through Current	2.69 kA
Transformer Losses	68 no load (core loss) 1049 load loss (coil loss)
Transformer BTU/HR	331 16.6 % 456 25 % 1127 50 % 2245 75 % 3811 100 %
Height	28.31 in (719 mm)
Depth	24.69 in (627 mm)
Width	25.51 in (648 mm)
Net Weight	356.00 lb(US) (161.48 kg)

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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 - 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	785901412885
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	28.31 in (71.9 cm)
Package 1 Width	25.51 in (64.8 cm)
Package 1 Length	24.69 in (62.7 cm)
Package 1 Weight	400.00 lb(US) (181.437 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
Circularity Profile	No need of specific recycling operations
PVC free	Yes