

EXN45T65H

Transformer, dry type, DOE 2016, 45kVA,
3 phase, 600V delta primary, 208Y/120V
secondary, 19M, 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	19M
Phase	3 phase
Rated operational power in VA	45 kVA
Network Frequency	60 Hz
Type of cooling	Natural convection
Primary Voltage	600 V delta
Number of tap-offs	2 2.5 % FCAN 4 2.5 % FCBN
Primary operational current	43.30 A 124.91 A 45 kVA
Secondary voltage	208Y/120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.44 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 42 dB
%IZ	4.10 %
%IX	2.62 %
X/R Ratio	0.83
Inrush current	475 A
Let Through Current	3.05 kA
Transformer Losses	104 no load (core loss) 1458 load loss (coil loss)
Transformer BTU/HR	493 16.6 % 666 25 % 1599 50 % 3153 75 % 5330 100 %
Height	29.33 in (745 mm)
Depth	25.94 in (659 mm)
Width	25.51 in (648 mm)
Net Weight	368.00 lb(US) (166.92 kg)
Mounting support	Floor, with 7400FMB Ceiling, with 7400CMB18M19M20M Wall, with 7400WMB18M19M20M

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Degree of protection	UL type 2 UL type 3R, with 7400WS18M19M20M
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

Ordering and shipping details

Category	16256-3PH EXN/2016 15-150KVA LVGP XFMR
Discount Schedule	PE2X
GTIN	785901393153
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	29.33 in (74.49 cm)
Package 1 Width	25.51 in (64.79 cm)
Package 1 Length	25.94 in (65.88 cm)
Package 1 Weight	423.99 lb(US) (192.32 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
Halogen content performance	Halogen free plastic parts product