

# Product data sheet

## Characteristics

# EXN15T6HCT

Transformer, dry type, DOE 2016, 15kVA, 3 phase, 480V delta primary, 240V delta secondary, 17M, 150C rise, 120V ctr



### 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	18.04 A 36.08 A 15 kVA
Secondary voltage	240 V delta Centre tap 120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.02 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 44 dB
%IZ	4.70 %
%IX	2.97 %
X/R Ratio	0.98
Inrush current	195 A
Let Through Current	0.77 kA
Transformer Losses	51 no load (core loss) 555 load loss (coil loss)
Transformer BTU/HR	227 16.6 % 292 25 % 647 50 % 1239 75 % 2068 100 %
Height	23.98 in (609 mm)
Depth	21.18 in (538 mm)
Width	21.50 in (546 mm)
Net Weight	192.99 lb(US) (87.54 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) 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	785901521310
Returnability	Yes

## 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)

## Offer Sustainability

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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes