

# Product data sheet

## Characteristics

# EXN30T3HF

Low voltage transformer, DOE 2016, dry type, 3 phase, 30kVA, 480V pri, 208Y/120V sec, Al, 115C rise, Type 2



### 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	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	115 °C 220 °C insulated
DOE Efficiency	98.31 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 44 dB
%IZ	2.92 %
%IX	1.41 %
X/R Ratio	0.57
Inrush current	616 A
Let Through Current	2.85 kA
Transformer Losses	97 no load (core loss) 778 load loss (coil loss)
Transformer BTU/HR	405 16.6 % 497 25 % 995 50 % 1824 75 % 2986 100 %
Height	28.31 in (719 mm)
Depth	24.69 in (627 mm)
Width	25.51 in (648 mm)
Net Weight	323.99 lb(US) (146.96 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	785901436638
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	485.00 lb(US) (219.992 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 <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
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
PVC free	Yes
Halogen content performance	Halogen free plastic parts product