

# EXN150T3HCU

LowVoltage Transformer, DOE 2016, 3 phase,  
150kVA, 480V Delta primary/208Y/120V  
secondary, CU, 150°C rise



## Main

Range of Product	Square D
Product or Component Type	DOE 2016 energy efficient transformer
Device short name	DOE 2016
Transformer type	Energy efficient
Device application	Low voltage electrical distribution

## Complementary

Box number	22M
Phase	3 phase
Rated operational power in VA	150 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	180.42 A 416.36 A 150 kVA
Secondary voltage	208Y/120 V
Coil Material	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.98 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 DB 3 dB NEMA ST-20
%IZ	3.79 %
%IX	3.26 %
X/R Ratio	1.70
Inrush current	1633 A
Let Through Current	11.57 kA
Transformer Losses	263 no load (core loss) 2796 load loss (coil loss)
Transformer BTU/HR	1163 16.6 % 1494 25 % 3282 50 % 6264 75 % 10438 100 %
Height	40.59 in (1031 mm)
Depth	32.56 in (827 mm)
Width	33.66 in (855 mm)
Net Weight	1155.99 lb(US) (524.35 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB22M

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Degree of protection	UL type 2 UL type 3R, with 7400WS22M
Electrical connection	4 Hole Nema Pad secondary 0.44 in (11.1 mm) 6 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	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	785901514770
Nbr. of units in pkg.	1
Package weight(Lbs)	1258.99 lb(US) (571.07 kg)
Returnability	Yes

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	46.10 in (117.094 cm)
Package 1 width	38.20 in (97.028 cm)
Package 1 Length	35.00 in (88.9 cm)

## 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
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
PVC free	Yes