

# EX300T3H

Low voltage transformer, DOE 2016, dry type,  
3 phase, 300kVA, 480V pri, 208Y/120V sec, Al,  
150C rise, Type 1



## 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	25J
Phase	3 phase
Rated operational power in VA	300 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
Secondary voltage	208Y/120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	99.15 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 49 dB
%IZ	5.0 %
%IX	0.0476 %
X/R Ratio	3.09
Let Through Current	16.7 kA
Transformer Losses	437.0 no load (core loss) 4617.0 load loss (coil loss)
Transformer BTU/HR	1925.2194095233838 16.6 % 2475.722279875 25 % 5429.5709575 50 % 10352.652086875 75 % 17244.965668 100 %
Height	57.52 in (1461 mm)
Depth	32.76 in (832 mm)
Width	40.08 in (1018 mm)
Net Weight	1860.00 lb(US) (843.68 kg)
Mounting support	Floor Floor, with 7400FMB

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Degree of protection	UL type 1 UL type 2, with 7400DS25J UL type 3R, with 7400WS25J
Electrical connection	4 Hole Nema Pad primary 0.44 in (11.1 mm) 6 Hole Nema Pad secondary 0.44 in (11.1 mm) 8 Hole Nema Pad sec - XO 0.44 in (11.1 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	16251-3PH EX/2016 225-300KVA LVGP XFMR
Discount Schedule	PE2X
GTIN	785901735069
Returnability	Yes

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	64.02 in (162.6 cm)
Package 1 Width	47.99 in (121.9 cm)
Package 1 Length	40.00 in (101.6 cm)
Package 1 Weight	2086.00 lb(US) (946.194 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	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
PVC free	Yes
Halogen content performance	Halogen free plastic parts product

## Approximate Dimensions

