

# EX300T65H

Transformer, dry type, DOE 2016, 300kVA,  
3 phase, 600V delta primary, 208Y/120V  
secondary, 25J, 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	25J
Phase	3 phase
Rated operational power in VA	300 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
Secondary voltage	208Y/120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	99.12 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 49 dB
%IZ	5.3 %
%IX	0.0507 %
X/R Ratio	3.33
Let Through Current	15.7 kA
Transformer Losses	479.0 no load (core loss) 4564.0 load loss (coil loss)
Transformer BTU/HR	2063.546049320928 16.6 % 2607.7295234999997 0.25 % 5527.67004 0.5 % 10394.237567499998 0.75 % 17207.432106 1.0 %
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	16501-EX MTO 300KVA SPECIAL VOLTAGE
Discount Schedule	PE2X
GTIN	785901003250
Returnability	Yes

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	59.00 in (149.86 cm)
Package 1 Width	43.00 in (109.22 cm)
Package 1 Length	35.00 in (88.9 cm)
Package 1 Weight	2367.37 lb(US) (1073.82 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>
Circularity Profile	No need of specific recycling operations
PVC free	Yes
Halogen content performance	Halogen free plastic parts product

Approximate Dimensions

