

# Product data sheet

## Characteristics

# EX300T3HF

DOE 2016 LV XFMR, 3 Phase, 300kVA, 480  
Delta-208Y/120, AL, 115°C Rise-220C INS

Product availability : Stock - Normally stocked in distribution facility



Price\* : 18,501.00 USD



### 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	220 °C insulated 115 °C
DOE Efficiency	99.15 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 dB NEMA ST-20 49 dB
%IZ	0.043 %
%IX	0.0414 %
X/R Ratio	3.11

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Let Through Current	19.2 kA
Transformer Losses	479.0 no load (core loss) 3987.0 load loss (coil loss)
Transformer BTU/HR	2009.2936330036239 16.6 % 2484.679152625 25 % 5035.4685565 50 % 9286.784229625 75 % 15238.626171999998 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
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	00785901004332
Nbr. of units in pkg.	1
Package weight(Lbs)	2295.38 lb(US) (1041.17 kg)
Returnability	Yes

## Packing Units

Package 1 Height	5.33 ft (1.626 m)
Package 1 width	3.33 ft (1.016 m)
Package 1 Length	4.00 ft (1.219 m)

## 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> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

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PVC free	Yes
Halogen content performance	Halogen free plastic parts product

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Approximate Dimensions

