

# Product data sheet

## Characteristics

# EX500T68HFCU

DOE 2016 LV XFMR, 3 Phase, 500kVA, 480  
Delta-208Y/120, CU, 115°C Rise-220C INS

Product availability : Stock - Normally stocked in distribution facility



Price\* : 33,653.00 USD



### 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

Phase	3 phase
Rated operational power in VA	500 kVA
Network frequency	60 Hz
Type of cooling	Natural convection
Primary voltage	480 V delta
Number of tap-offs	2 2.5 % FCAN 2 2.5 % FCBN
Secondary voltage	208Y/120 V
Coil Material	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	115 °C 220 °C insulated
Sound Level	6 dB NEMA ST-20 56 dB
Let Through Current	29.2 kA
Height	70.98 in (1803 mm)
Depth	37.91 in (963 mm)
Width	48.27 in (1226 mm)
Net Weight	3705.00 lb(US) (1680.56 kg)

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

Mounting support	Floor Floor, with 7400FMB
Degree of protection	UL type 1 UL type 2, with 7400DS30J UL type 3R, with 7400WS30J
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	16252 - 3PH EX/2016 500KVA+ LVGP XFMR
Discount Schedule	PE2X
GTIN	00785901537878
Nbr. of units in pkg.	1
Package weight(Lbs)	3960.01 lb(US) (1796.23 kg)
Returnability	Yes

## Packing Units

Package 1 Height	5.92 ft (1.803 m)
Package 1 width	3.17 ft (0.965 m)
Package 1 Length	4.08 ft (1.245 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>
RECh Regulation	<a href="#">RECh Declaration</a>
RECh 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>
PVC free	Yes