

Product data sheet

Characteristics

EX45T65H

DOE 2016 LV XFMR, 3 Phase, 45kVA, 600
Delta-208Y/120, AL, 150°C Rise-220C INS

Product availability : Non-Stock - Not normally stocked in distribution facility



Price* : 6,810.00 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	45 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	98.52 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 dB NEMA ST-20 39 dB
%IZ	0.041 %
%IX	0.0281 %
X/R Ratio	0.92
Let Through Current	3.0 kA

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

Jul 30, 2021

Transformer Losses	101.0 no load (core loss) 1367.0 load loss (coil loss)
Transformer BTU/HR	473.15849642938406 16.6 % 636.151224125 0.25 % 1510.7258705 0.5 % 2968.350281125 0.75 % 5009.024456 1.0 %
Height	35.31 in (897 mm)
Depth	20.98 in (533 mm)
Width	25.51 in (648 mm)
Net Weight	485.00 lb(US) (219.99 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB18K Wall, with 7400WMB18K20K
Degree of protection	UL type 1 UL type 2, with 7400DS18K UL type 3R, with 7400WS18K
Electrical connection	2 Hole Nema Pad primary 0.44 in (11.1 mm) 2 Hole Nema Pad secondary 0.44 in (11.1 mm) 4 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	16500 - EX MTO 15-225KVA SPECIAL VOLTAGE
Discount Schedule	PE2X
GTIN	00785901485711
Nbr. of units in pkg.	1
Package weight(Lbs)	539.1 lb(US) (244.53 kg)
Returnability	No

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 www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
PVC free	Yes
Halogen content performance	Halogen free plastic parts product

Approximate Dimensions

