Product data sheet

Specifications

Discontinued

Transformer, dry type, DOE 2016, 112.5kVA, 3 phase, 480V delta primary, 208Y/120V secondary, 21K, 115C rise, Cu

EX112T3HFCU

Discontinued on: Nov 22, 2021

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

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	21K
Phase	3 phase
Rated Operational Power In Va	112.5 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	Copper
Basic Imp Level (Bil)	10 kV
Temperature Rise	115 °C 220 °C insulated
Doe Efficiency	98.96 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	47 dB 6 dB NEMA ST-20
%Iz	4.10 %
%Ix	0.0353 %
X/R Ratio	1.73
Let Through Current	7.6 kA
Transformer Losses	167.0 no load (core loss) 2303.0 load loss (coil loss)

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Transformer Btu/Hr	786.3672543444559 16.6 % 1060.962903125 25 % 2534.3684705 50 % 4990.044416125 75 % 8427.99074 100 %
Height	45.98 in (1168 mm)
Depth	24.02 in (610 mm)
Width	31.30 in (795 mm)
Net Weight	1025.00 lb(US) (464.93 kg)
Mounting Support	Floor Floor, with 7400FMB Ceiling, with 7400CMB21K
Degree Of Protection	UL type 1 UL type 2, with 7400DS21K UL type 3R, with 7400WS21K
Electrical Connection	4 Hole Nema Pad primary 0.44 in (11.1 mm) 4 Hole Nema Pad secondary 0.44 in (11.1 mm) 6 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	US1PE2X16250
Discount Schedule	PE2X
Gtin	785901506119
Returnability	No
Country Of Origin	MX

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	51.81 in (131.6 cm)
Package 1 Width	35.00 in (88.9 cm)
Package 1 Length	29.80 in (75.7 cm)
Package 1 Weight	1050.00 lb(US) (476.272 kg)

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

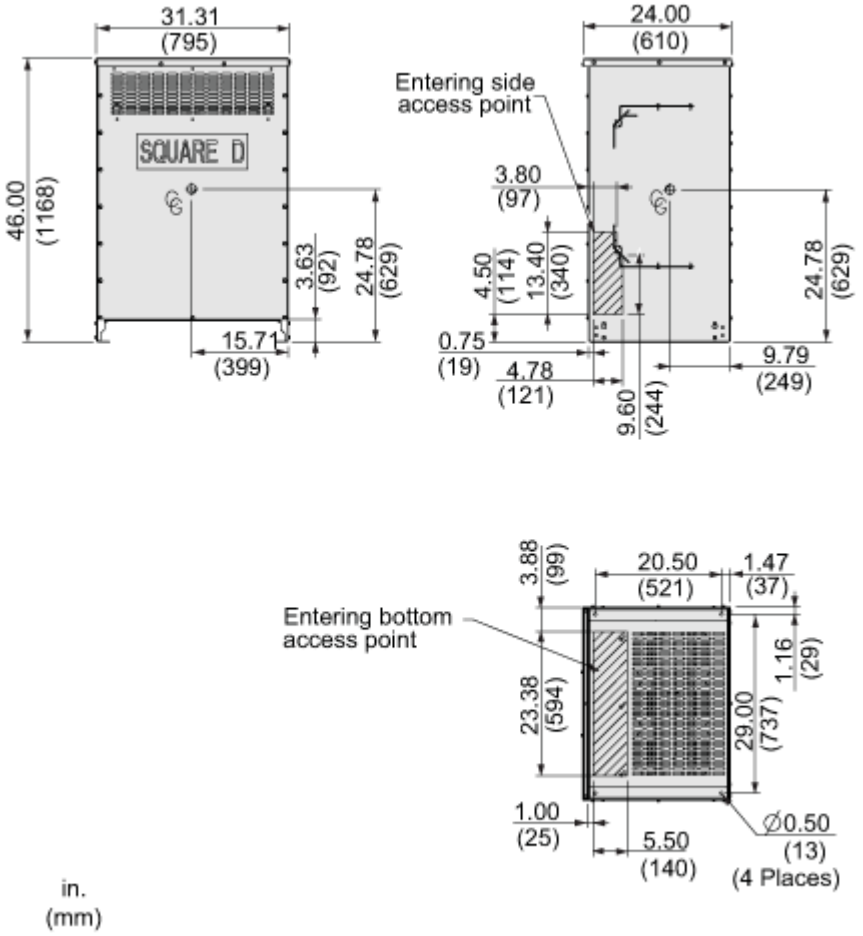
Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
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

Dimensions Drawings

Approximate Dimensions