Product data sheet

Specifications



Transformer, dry type, DOE 2016, 112.5kVA, 3 phase, 240V delta primary, 208Y/120V secondary, 21M, 150C rise

EXN112T3156H

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	21M
Phase	3 phase
Rated operational power in VA	112.5 kVA
Network Frequency	60 Hz
Type of cooling	Natural convection
Primary Voltage	240 V delta
Primary operational current	270.63 A 312.27 A 112.5 kVA
Secondary voltage	208Y/120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.77 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 dB 6 dB NEMA ST-20
%IZ	3.62 %
%IX	2.89 %
X/R Ratio	1.43
Inrush current	2958 A
Let Through Current	8.97 kA
Transformer Losses	237 no load (core loss) 2556 load loss (coil loss)
Transformer BTU/HR	1048 16.6 % 1350 25 % 2986 50 % 5711 75 % 9527 100 %

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

Height	37.5 in (953 mm)
Depth	28.4 in (722 mm)
Width	31.3 in (795 mm)
Product Weight	810.99 lb(US) (367.86 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB21M
Degree of protection	UL type 2 UL type 3R, with 7400WS21M
Electrical connection	4 Hole Nema Pad secondary 0.4 in (11.1 mm) 6 Hole Nema Pad sec - XO 0.4 in (11.1 mm)
Number of mounting holes	4 Ø: 0.5 in (13 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	US1PE2X16257
Discount Schedule	PE2X
GTIN	3606487405993
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	37.5 in (95.3 cm)
Package 1 Width	31.3 in (79.5 cm)
Package 1 Length	28.4 in (72.2 cm)
Package weight(Lbs)	865.000 lb(US) (392.357 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Technical Illustration

Dimensions

