

# Product data sheet

Specifications

SQUARE D



Transformer, dry type, DOE 2016, 225kVA, 3 phase, 480V delta primary, 208Y/120V secondary, 25J, 150C rise, Cu

EX225T3HCU

Product availability: Stock - 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	25J
Phase	3 phase
Rated operational power in VA	225 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	150 °C 220 °C insulated
DOE Efficiency	99.04 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 dB NEMA ST-20 49 dB
%IZ	0.057 %
%IX	0.0536 %
X/R Ratio	2.68
Let Through Current	10.9 kA
Transformer Losses	311.0 no load (core loss) 4492.0 load loss (coil loss)
Transformer BTU/HR	1483.536394404384 16.6 % 2019.1350284999999 25 % 4893.011627999999 50 % 9682.8059605 75 % 16388.518025999998 1.0 %

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

<b>Height</b>	57.5 in (1461 mm)
<b>Depth</b>	32.8 in (832 mm)
<b>Width</b>	40.08 in (1018 mm)
<b>Net Weight</b>	1545.0008 lb(US) (700.8 kg)
<b>Mounting support</b>	Floor Floor, with 7400FMB
<b>Degree of protection</b>	UL type 1 UL type 2, with 7400DS25J UL type 3R, with 7400WS25J
<b>Electrical connection</b>	4 Hole Nema Pad primary 0.4 in (11.1 mm) 6 Hole Nema Pad secondary 0.4 in (11.1 mm) 8 Hole Nema Pad sec - XO 0.4 in (11.1 mm)

## Environment

<b>Ambient Air Temperature for Operation</b>	104 °F (40 °C)
<b>Average ambient air temperature for operation</b>	30 °C
<b>Standards</b>	UL 1561 CSA C22.2 No 47 NEMA ST-20

## Ordering and shipping details

<b>Category</b>	US1PE2X16251
<b>Discount Schedule</b>	PE2X
<b>GTIN</b>	785901767152
<b>Returnability</b>	Yes
<b>Country of origin</b>	MX

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	64.50 in (163.830 cm)
<b>Package 1 Width</b>	40.30 in (102.362 cm)
<b>Package 1 Length</b>	48.00 in (121.920 cm)
<b>Package weight(Lbs)</b>	1785.999 lb(US) (810.115 kg)



## 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 >](#)

 <b>Environmental footprint</b>	
Carbon footprint (kg CO2 eq, Total Life cycle)	51166
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better

 <b>Materials and Substances</b>	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Compliant
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>WARNING:</b> 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>
PVC free	Yes

### Use Again

 <b>Repack and remanufacture</b>	
Circularity Profile	No need of specific recycling operations
Take-back	No

Dimensions Drawings

Approximate Dimensions

