

# Product data sheet

Specifications

**SQUARE D**



Transformer, dry type, DOE 2016, 150kVA, 3 phase, 240V delta primary, 480Y/277V secondary, 22M, 150C rise

EXN150T3155H

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	22M
Phase	3 phase
Rated operational power in VA	150 kVA
Network Frequency	60 Hz
Type of cooling	Natural convection
Primary Voltage	240 V delta
Primary operational current	360.84 A 180.42 A 150 kVA
Secondary voltage	480Y/277 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.89 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 dB 3 dB NEMA ST-20
%IZ	3.20 %
%IX	2.69 %
X/R Ratio	1.73
Inrush current	4717 A
Let Through Current	5.78 kA
Transformer Losses	314 no load (core loss) 2768 load loss (coil loss)
Transformer BTU/HR	1334 16.6 % 1662 25 % 3433 50 % 6384 75 % 10516 100 %

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>	40.6 in (1031 mm)
<b>Depth</b>	32.6 in (827 mm)
<b>Width</b>	33.7 in (855 mm)
<b>Net Weight</b>	1019.99 lb(US) (462.66 kg)
<b>Mounting support</b>	Floor Floor, with 7400FMB Ceiling, with 7400CMB22M
<b>Degree of protection</b>	UL type 2 UL type 3R, with 7400WS22M
<b>Electrical connection</b>	4 Hole Nema Pad secondary 0.4 in (11.1 mm) 6 Hole Nema Pad sec - HO 0.4 in (11.1 mm) 2 Hole Nema Pad primary 0.4 in (11.1 mm)
<b>Number of mounting holes</b>	4 Ø: 0.5 in (13 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>	US1PE2X16257
<b>Discount Schedule</b>	PE2X
<b>GTIN</b>	785901628187
<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>	40.6 in (103.1 cm)
<b>Package 1 Width</b>	33.7 in (85.5 cm)
<b>Package 1 Length</b>	32.6 in (82.7 cm)
<b>Package weight(Lbs)</b>	1100.002 lb(US) (498.952 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 >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 42782

Environmental Disclosure [Product Environmental Profile](#)



Red list free

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

### Use Again

#### Repack and remanufacture

Circularity Profile No need of specific recycling operations

Take-back No

Technical Illustration

Dimensions

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