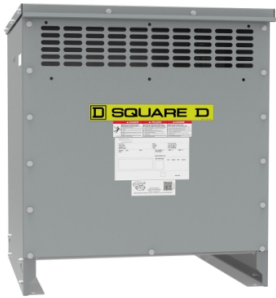


# Product data sheet

Specifications



Transformer, dry type, DOE 2016, 30kVA, 3 phase, 240V delta primary, 208Y/120V secondary, 18M, 150C rise

EXN30T3156H

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                    | 18M                                                            |
| Phase                         | 3 phase                                                        |
| Rated operational power in VA | 30 kVA                                                         |
| Network Frequency             | 60 Hz                                                          |
| Type of cooling               | Natural convection                                             |
| Primary Voltage               | 240 V delta                                                    |
| Primary operational current   | 72.17 A 83.27 A 30 kVA                                         |
| Secondary voltage             | 208Y/120 V                                                     |
| Coil Material                 | Aluminium                                                      |
| Basic IMP level (BIL)         | 10 kV                                                          |
| Temperature Rise              | 150 °C<br>220 °C insulated                                     |
| DOE Efficiency                | 98.23 % at 35 % load factor , 167 °F (75.0 °C)                 |
| Sound Level                   | 6 dB NEMA ST-20<br>39 dB                                       |
| %IZ                           | 3.37 %                                                         |
| %IX                           | 2.09 %                                                         |
| X/R Ratio                     | 0.94                                                           |
| Inrush current                | 1222 A                                                         |
| Let Through Current           | 2.59 kA                                                        |
| Transformer Losses            | 99 no load (core loss)<br>808 load loss (coil loss)            |
| Transformer BTU/HR            | 414 16.6 %<br>510 25 %<br>1027 50 %<br>1889 75 %<br>3095 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                   | 28.3 in (719 mm)                                                                                                                    |
| Depth                    | 24.7 in (627 mm)                                                                                                                    |
| Width                    | 25.5 in (648 mm)                                                                                                                    |
| Net Weight               | 362.99 lb(US) (164.65 kg)                                                                                                           |
| Mounting support         | Floor<br>Floor, with 7400FMB<br>Ceiling, with 7400CMB18M19M20M<br>Wall, with 7400WMB18M19M20M                                       |
| Degree of protection     | UL type 2<br>UL type 3R, with 7400WS18M19M20M                                                                                       |
| Electrical connection    | 2 Hole Nema Pad secondary 0.4 in (11.1 mm)<br>4 Hole Nema Pad sec - XO 0.4 in (11.1 mm)<br>4 Hole Nema Pad primary 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<br>CSA C22.2 No 47<br>NEMA ST-20 |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1PE2X16256  |
| Discount Schedule | PE2X          |
| GTIN              | 3606487116288 |
| Returnability     | No            |
| Country of origin | MX            |

## Packing Units

|                        |                          |
|------------------------|--------------------------|
| Unit Type of Package 1 | PCE                      |
| Nbr. of units in pkg.  | 1                        |
| Package 1 Height       | 32.008 in (81.3 cm)      |
| Package 1 Width        | 29.8 in (75.6 cm)        |
| Package 1 Length       | 33.8 in (85.8 cm)        |
| Package weight(Lbs)    | 395.07 lb(US) (179.2 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

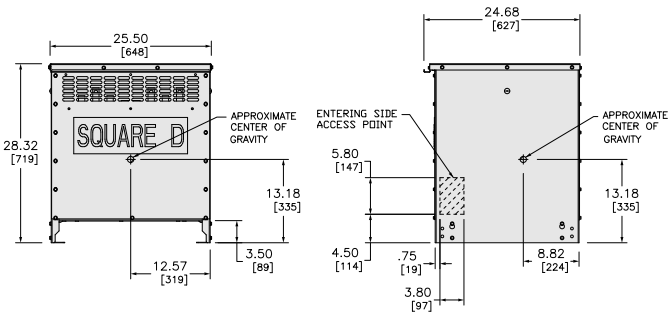
No need of specific recycling operations

Take-back

No

Technical Illustration

Dimensions



EXN30T3156H

in.  
[mm]

ALL DIMENSIONS ARE APPROXIMATE.  
REFER TO TECHNICAL DRAWINGS AND  
DOCUMENTATION FOR COMPLETE INFORMATION.

