

Product data sheet

Specifications

SQUARE D



Transformer, dry type, DOE 2016, 30kVA, 3 phase, 240V delta primary, 480Y/277V secondary, 18M, 150C rise

EXN30T3155H

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 36.08 A 30 kVA
Secondary voltage	480Y/277 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.27 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 dB NEMA ST-20 42 dB
%IZ	3.43 %
%IX	2.09 %
X/R Ratio	0.81
Inrush current	1127 A
Let Through Current	1.05 kA
Transformer Losses	95 no load (core loss) 905 load loss (coil loss)
Transformer BTU/HR	410 16.6 % 517 25 % 1096 50 % 2061 75 % 3412 100 %

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

Height	28.3 in (719 mm)
Depth	24.7 in (627 mm)
Width	25.5 in (648 mm)
Net Weight	334.99 lb(US) (151.95 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB18M19M20M Wall, with 7400WMB18M19M20M
Degree of protection	UL type 2 UL type 3R, with 7400WS18M19M20M
Electrical connection	2 Hole Nema Pad secondary 0.4 in (11.1 mm) 4 Hole Nema Pad sec - HO 0.4 in (11.1 mm) 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 CSA C22.2 No 47 NEMA ST-20

Ordering and shipping details

Category	US1PE2X16256
Discount Schedule	PE2X
GTIN	785901628514
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	28.3 in (71.9 cm)
Package 1 Width	25.5 in (64.8 cm)
Package 1 Length	24.7 in (62.7 cm)
Package weight(Lbs)	395.0004 lb(US) (179.169 kg)



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) **13351**

Environmental Disclosure [Product Environmental Profile](#)

[Declare](#) Red list free

Use Better

Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **Yes**

Use Again

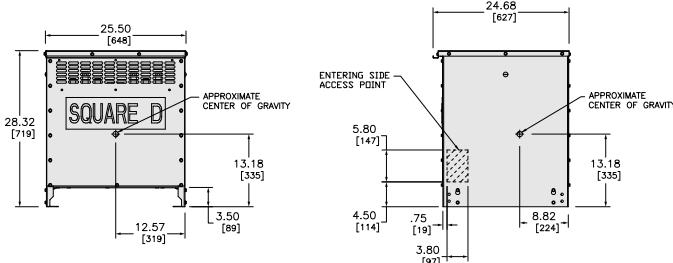
Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

Take-back **No**

Technical Illustration

Dimensions



EXN30T3155H

in.
[mm]

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

