

Product data sheet

Specifications

SQUARE D



Transformer, dry type, DOE 2016, 15kVA, 3 phase, 480V delta primary, 208Y/120V secondary, 17M, 115C rise, Cu

EXN15T3HFCU

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	17M
Phase	3 phase
Rated operational power in VA	15 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
Primary operational current	18.04 A 41.64 A 15 kVA
Secondary voltage	208Y/120 V
Coil Material	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	115 °C 220 °C insulated
DOE Efficiency	98.03 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 dB NEMA ST-20 39 dB
%IZ	3.90 %
%IX	1.68 %
X/R Ratio	0.43
Inrush current	272 A
Let Through Current	1.07 kA
Transformer Losses	48 no load (core loss) 534 load loss (coil loss)

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

Transformer BTU/HR	214 16.6 % 278 25 % 619 50 % 1189 75 % 1986 100 %
Height	24.0 in (609 mm)
Depth	21.2 in (538 mm)
Width	21.5 in (546 mm)
Net Weight	219.007 lb(US) (99.34 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB17M Wall, with 7400WMB17M
Degree of protection	UL type 2 UL type 3R, with 7400WS22M
Electrical connection	2 Hole Nema Pad secondary 0.4 in (11.1 mm) 4 Hole Nema Pad sec - XO 0.4 in (11.1 mm) 2 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	785901436683
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	30.00 in (76.200 cm)
Package 1 Width	25.00 in (63.500 cm)
Package 1 Length	25.00 in (63.500 cm)
Package weight(Lbs)	243.0003 lb(US) (110.223 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)	7126
Environmental Disclosure	Product Environmental Profile

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	REACH Declaration
California proposition 65	WARNING: 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 www.P65Warnings.ca.gov
PVC free	Yes

Use Again

 Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No

Technical Illustration

Dimensions

Technical Illustration

Wiring diagram
