

Product data sheet

Specifications

SQUARE D

Green Premium™



Transformer, dry type, DOE 2016, 75kVA, 3 phase, 600V delta primary, 208Y/120V secondary, 20M, 150C rise

EXN75T65H

Product availability: Stock - Normally stocked in distribution facility

Price*: 7,093.00 USD

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	20M
Phase	3 phase
Rated operational power in VA	75 kVA
Network Frequency	60 Hz
Type of cooling	Natural convection
Primary Voltage	600 V delta
Number of tap-offs	2 2.5 % FCAN 4 2.5 % FCBN
Primary operational current	72.17 A 208.18 A 75 kVA
Secondary voltage	208Y/120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.66 % at 35 % load factor , 167.000000000 °F (75.0 °C)
Sound Level	44 dB 6 dB NEMA ST-20
%I _Z	4.67 %
%I _X	3.74 %
X/R Ratio	1.39
Inrush current	662 A
Let Through Current	4.46 kA
Transformer Losses	125 no load (core loss) 2209 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	694 16.6 % 956 25 % 2369 50 % 4724 75 % 8022 100 %
Height	33.5 in (851 mm)
Depth	27.4 in (697 mm)
Width	30.08 in (764 mm)
Net Weight	512.99 lb(US) (232.69 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	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	104.0000000000 °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	785901393177
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

✓ Pvc Free

✓ Halogen Free Plastic Parts Product

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile No need of specific recycling operations

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"

Technical Illustration

Dimensions

Technical Illustration

Wiring diagram
