Product data sheet

Specifications



Discontinued

Transformer, dry type, DOE 2016, 15kVA, 3 phase, 480V delta primary, 240V delta secondary, 17K, 150C rise, 120V ctr

EX15T6HCT

Discontinued on: Nov 22, 2021

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	17K
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
Secondary voltage	240 V delta Centre tap 120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.07 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 dB NEMA ST-20 39 dB
%IZ	0.045 %
%IX	0.0232 %
X/R Ratio	0.6
Let Through Current	0.8 kA
Transformer Losses	45.0 no load (core loss) 580.0 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.

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

Transformer BTU/HR	277.2365375 25 % 648.30698 50 % 1266.7577175 75 % 2132.58875 1.0 %
Height	27.0 in (685 mm)
Depth	17.2 in (438 mm)
Width	20.5 in (521 mm)
Net Weight	230.008 lb(US) (104.33 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB17K Wall, with 7400WMB17K
Degree of protection	UL type 1 UL type 2, with 7400DS17K UL type 3R, with 7400WS17K
Electrical connection	2 Hole Nema Pad primary 0.4 in (11.1 mm) 2 Hole Nema Pad secondary 0.4 in (11.1 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	US1PE2X16250
Discount Schedule	PE2X
GTIN	785901568391
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	33.00 in (83.82 cm)
Package 1 Width	24.00 in (60.96 cm)
Package 1 Length	22.00 in (55.88 cm)
Package weight(Lbs)	260.04 lb(US) (117.95 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

Total lifecycle Carbon footprint	**7 286 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**697 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**20 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**6 346 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**223 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**
Declare	**Red list free**

Use Better

Materials and Substances

EU RoHS Directive	**Compliant**
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**
Halogen content performance	**Halogen free plastic parts product**
PVC free	**Yes**

Use Again

Repack and remanufacture

Recyclability potential, in %	**95**
Circularity Profile	**No need of specific recycling operations**

Dimensions Drawings

Approximate Dimensions

