

Product data sheet

Specifications

SQUARE D



Transformer, dry type, DOE 2016, 15kVA, 3 phase, 480V delta primary, 208Y/120V secondary, 18K, 150C rise, Cu, K13

EX15T3HCUNLP

! Discontinued

! 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	18K
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	208Y/120 V
Coil Material	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.24 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 dB NEMA ST-20 39 dB
%IZ	0.019 %
%IX	0.0107 %
X/R Ratio	0.7
Let Through Current	2.3 kA
Transformer Losses	72.0 no load (core loss) 227.0 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	267.006783344 16.6 % 294.07175 25 % 439.295 50 % 681.33375 75 % 1020.188 1.0 %
Height	35.3 in (897 mm)
Depth	21.0 in (533 mm)
Width	25.5 in (648 mm)
Net Weight	400.007 lb(US) (181.44 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB18K Wall, with 7400WMB18K20K
Degree of protection	UL type 1 UL type 2, with 7400DS18K UL type 3R, with 7400WS18K
Electrical connection	2 Hole Nema Pad primary 0.4 in (11.1 mm) 2 Hole Nema Pad secondary 0.4 in (11.1 mm) 4 Hole Nema Pad sec - XO 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	US1PE2X16253
Discount Schedule	PE2X
GTIN	785901729747
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	41.50 in (105.41 cm)
Package 1 Width	32.50 in (82.55 cm)
Package 1 Length	27.00 in (68.58 cm)
Package weight(Lbs)	446.004 lb(US) (202.304 kg)

Contractual warranty

Warranty (in months)	18
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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	8 385 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	857 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	34 kg CO2 eq.
Carbon footprint of the installation phase [A5]	9 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	7 048 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	436 kg CO2 eq.

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
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

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