

Product data sheet

Specifications

SQUARE D



Transformer, dry type, DOE 2016, 45kVA, 3 phase, 480V delta primary, 208Z/120V secondary, 18K, 150C rise, Cu

EX45T208HCUNP

! Discontinued

! Discontinued on: Jul 12, 2021

Main

Range of Product	Square D
Product or Component Type	Harmonic Mitigating 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	45 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	208Z/120 V
Coil Material	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
Height	35.32 in (897.13 mm)
Depth	21.0 in (533.4 mm)
Width	25.5 in (647.7 mm)
Net Weight	755.00 lb(US) (342.46 kg)
Mounting support	Floor Ceiling, with specific accessories Wall, with specific accessories
Degree of protection	UL type 1 UL type 3R, with accessory

Environment

Ambient Air Temperature for Operation	104 °F (40 °C)
Average ambient air temperature for operation	30 °C

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

Standards	UL 1561 CSA C22.2 No 47 NEMA ST-20
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Ordering and shipping details

Category	16253-3PH EX/2016 K13 15-150KVA LVGP XFMR
Discount Schedule	PE2X
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package weight(Lbs)	755.00009 lb(US) (342.462 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

Environmental Disclosure

[Product Environmental Profile](#)

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

Use Again



Repack and remanufacture

Circularity Profile

No need of specific recycling operations