

Product data sheet

Specifications

SQUARE D



Transformer, dry type, DOE 2016, 500kVA, 3 phase, 480V delta primary, 208Z/120V secondary, 31J, 150C rise, Cu

EX500T209HCUNP

! Discontinued

! Discontinued on: Nov 22, 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	31J
Phase	3 phase
Rated operational power in VA	500 kVA
Network Frequency	60 Hz
Type of cooling	Natural convection
Primary Voltage	480 V delta
Number of tap-offs	2 2.5 % FCAN 2 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	71.0 in (1803.4 mm)
Depth	37.89 in (962.51 mm)
Width	48.3 in (1225.8 mm)
Net Weight	4400.01 lb(US) (1995.81 kg)
Mounting support	Floor
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

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: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause 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