

EXN112T65HCU

Transformer, dry type, DOE 2016, 112.5kVA,
3 phase, 600V delta primary, 208Y/120V
secondary, 21M, 150C rise, Cu



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	21M
Phase	3 phase
Rated operational power in VA	112.5 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	108.25 A 312.27 A 112.5 kVA
Secondary voltage	208Y/120 V
Coil Material	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.81 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	47 DB 6 dB NEMA ST-20
%IZ	3.27 %
%IX	2.40 %
X/R Ratio	1.08
Inrush current	1354 A
Let Through Current	9.55 kA
Transformer Losses	213 no load (core loss) 2611 load loss (coil loss)
Transformer BTU/HR	974 16.6 % 1284 25 % 2954 50 % 5738 75 % 9636 100 %
Height	37.52 in (953 mm)
Depth	28.43 in (722 mm)
Width	31.30 in (795 mm)
Net Weight	844.00 lb(US) (382.83 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB21M

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Degree of protection	UL type 2 UL type 3R, with 7400WS21M
Electrical connection	4 Hole Nema Pad secondary 0.44 in (11.1 mm) 6 Hole Nema Pad sec - XO 0.44 in (11.1 mm) 4 Hole Nema Pad primary 0.44 in (11.1 mm)
Number of mounting holes	4 Ø: 0.51 in (13 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	16256-3PH EXN/2016 15-150KVA LVGP XFMR
Discount Schedule	PE2X
GTIN	785901436010
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	37.52 in (95.3 cm)
Package 1 Width	31.30 in (79.5 cm)
Package 1 Length	28.43 in (72.2 cm)
Package 1 Weight	1025.00 lb(US) (464.932 kg)