

Product data sheet

Characteristics

EXN150T65HCU

Transformer, dry type, DOE 2016, 150kVA, 3 phase, 600V delta primary, 208Y/120V secondary, 22M, 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	22M
Phase	3 phase 3 phase
Rated operational power in VA	150 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	144.34 A 416.36 A 150 kVA
Secondary voltage	208Y/120 V
Coil Material	Copper
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.97 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	47 DB 3 dB NEMA ST-20
%IZ	5.23 %
%IX	4.80 %
X/R Ratio	2.33
Inrush current	1060 A
Let Through Current	7.96 kA
Transformer Losses	217 no load (core loss) 3301 load loss (coil loss)
Transformer BTU/HR	1053 16.6 % 1444 25 % 3556 50 % 7076 75 % 12004 100 %
Height	40.59 in (1031 mm)
Depth	32.56 in (827 mm)
Width	33.66 in (855 mm)
Net Weight	1192.00 lb(US) (540.68 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB22M

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Degree of protection	UL type 2 UL type 3R, with 7400WS22M
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)
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	785901435822
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	40.59 in (103.1 cm)
Package 1 Width	33.66 in (85.5 cm)
Package 1 Length	32.56 in (82.7 cm)
Package 1 Weight	1270.00 lb(US) (576.062 kg)