



## Main

Range of Product	Square D
Product or Component Type	DOE 2016 energy efficient 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	208 V delta
Primary operational current	270.63 A 135.32 A 112.5 kVA
Secondary voltage	480Y/277 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.77 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 DB 6 dB NEMA ST-20
%IZ	3.78 %
%IX	3.02 %
X/R Ratio	1.43
Inrush current	3031 A
Let Through Current	3.69 kA
Transformer Losses	221 no load (core loss) 2683 load loss (coil loss)
Transformer BTU/HR	1008 16.6 % 1326 25 % 3043 50 % 5904 75 % 9909 100 %
Height	37.52 in (953 mm)
Depth	28.43 in (722 mm)
Width	31.30 in (795 mm)
Net Weight	735.00 lb(US) (333.39 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB21M
Degree of protection	UL type 2 UL type 3R, with 7400WS21M

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Electrical connection	4 Hole Nema Pad secondary 0.44 in (11.1 mm) 6 Hole Nema Pad sec - HO 0.44 in (11.1 mm) 4 Hole Nema Pad primary 0.44 in (11.1 mm)
Number of mounting holes	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	16257-3PH EXN/2016 15-150KVA MTO
Discount Schedule	PE2X
GTIN	785901628132
Nbr. of units in pkg.	1
Package weight(Lbs)	865.00 lb(US) (392.357 kg)
Returnability	No

### Packing Units

Unit Type of Package 1	PCE
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)