



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	17M
Phase	3 phase
Rated operational power in VA	15 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
Primary operational current	18.04 A 36.08 A 15 kVA
Secondary voltage	240 V delta
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.02 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 DB NEMA ST-20 42 dB
%IZ	4.70 %
%IX	2.97 %
X/R Ratio	0.98
Inrush current	195 A
Let Through Current	0.77 kA
Transformer Losses	51 no load (core loss) 555 load loss (coil loss)
Transformer BTU/HR	227 16.6 % 292 25 % 647 50 % 1239 75 % 2068 100 %
Height	23.98 in (609 mm)
Depth	21.18 in (538 mm)
Width	21.50 in (546 mm)
Net Weight	192.99 lb(US) (87.54 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB17M Wall, with 7400WMB17M

Degree of protection	UL type 2 UL type 3R, with 7400WS22M
Electrical connection	2 Hole Nema Pad secondary 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	16256 - 3PH EXN/2016 15-150KVA LVGP XFMR
Discount Schedule	PE2X
GTIN	785901957942
Nbr. of units in pkg.	1
Package weight(Lbs)	230.00 lb(US) (104.326 kg)
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	23.98 in (60.9 cm)
Package 1 width	21.50 in (54.6 cm)
Package 1 Length	21.18 in (53.8 cm)