



## 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	20M
Phase	3 phase
Rated operational power in VA	75 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	90.21 A 208.18 A 75 kVA
Secondary voltage	208Y/120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	98.70 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	44 DB 6 dB NEMA ST-20
%IZ	5.26 %
%IX	4.63 %
X/R Ratio	2.36
Inrush current	771 A
Let Through Current	3.96 kA
Transformer Losses	153 no load (core loss) 1933 load loss (coil loss)
Transformer BTU/HR	690 16.6 % 947 25 % 2335 50 % 4648 75 % 7885 100 %
Height	33.50 in (851 mm)
Depth	27.44 in (697 mm)
Width	30.08 in (764 mm)
Net Weight	579.99 lb(US) (263.08 kg)
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB18M19M20M Wall, with 7400WMB18M19M20M

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Degree of protection	UL type 2 UL type 3R, with 7400WS18M19M20M
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	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	16259-3PH EXN/2016 K9 15-150KVA LVGP XFMR
Discount Schedule	PE2X
GTIN	785901419501
Nbr. of units in pkg.	1
Package weight(Lbs)	865.00 lb(US) (392.357 kg)
Returnability	Yes

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	33.50 in (85.1 cm)
Package 1 width	30.08 in (76.4 cm)
Package 1 Length	27.44 in (69.7 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Phenyl Glycidyl Ether, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
PVC free	Yes
Halogen content performance	Halogen free plastic parts product