



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

Phase	3 phase
Rated operational power in VA	750 kVA
Network frequency	60 Hz
Type of cooling	Natural convection
Primary voltage	480 V delta
Number of tap-offs	2 2.5 % FCAN 2 2.5 % FCBN
Secondary voltage	240 V delta Centre tap 120 V
Coil Material	Aluminium
Basic IMP level (BIL)	10 kV
Temperature Rise	150 °C 220 °C insulated
DOE Efficiency	99.35 % at 35 % load factor , 167 °F (75.0 °C)
Sound Level	6 dB NEMA ST-20 58 dB
%IZ	0.047 %
%IX	0.0461 %
X/R Ratio	4.28

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Let Through Current	19.1 kA
Transformer Losses	900.0 no load (core loss) 8084.0 load loss (coil loss)
Transformer BTU/HR	3831.025778351968 16.6 % 4794.912545499999 25 % 9966.866782 50 % 18586.7905095 75 % 30654.683727999996 100 %
Height	75.98 in (1930 mm)
Depth	44.49 in (1130 mm)
Width	55.98 in (1422 mm)
Net Weight	4000.00 lb(US) (1814.37 kg)
Mounting support	Floor Floor, with 7400FMB
Degree of protection	UL type 1 UL type 2, with 7400DS31J UL type 3R, with 7400WS31J

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	16502 - EX MTO 500 & ABOVE SPECIAL VOLTAGE
Discount Schedule	PE2X
Nbr. of units in pkg.	1
Package weight(Lbs)	4320 lb(US) (1959.52 kg)
Returnability	No

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
PVC free	Yes
Halogen content performance	Halogen free plastic parts product