



Main

Range of product	Square D
Product or component type	DOE 2016 energy efficient transformer
Device application	Low voltage electrical distribution
Number of tap-offs	2- Tap Values: 2.5 % FCAN 4- Tap Values: 2.5 % FCBN

Complementary

Phase	3 phases
Rated operational power in VA	30 kVA
Network frequency	60 Hz
Type of cooling	Natural convection
Primary voltage	480 V delta
Secondary voltage	208Y/120 V
Material	Copper
[Uimp] rated impulse withstand voltage	10 kV
Temperature rise	80 °C 220 °C insulated
Efficiency	98.58 % 35 %load, 75 °C
Noise level	6 dB belowNEMA ST-20 39 dB
Height	35.31 in (897 mm)
Depth	20.98 in (533 mm)
Width	25.51 in (648 mm)
Product weight	495 lb(US) (224.53 kg)
Content	
[Ipk] rated peak withstand current	3 kA
Tap loss	No load (core loss) Load loss (coil loss)
Continuous thermal current rating factor	372.321524837152 at 0.166 % loading 429.0768565 at 0.25 % loading 733.61053 at 0.5 % loading 1241.1666525 at 0.75 % loading 1951.745224 at 1 % loading
Mounting support	Floor Floor, with 7400FMB Ceiling, with 7400CMB18K Wall, with 7400WMB18K20K
Degree of protection	UL type 1 UL type 2, with 7400DS18K UL type 3R, with 7400WS18K
Electrical connection	2 Hole Nema Pad primary Hole(s), 11.1 mm Ø 2 Hole Nema Pad secondary Hole(s), 11.1 mm Ø 4 Hole Nema Pad sec - XO Hole(s), 11.1 mm Ø

Environment

ambient air temperature for operation	104 °F (40 °C)
average ambient air temperature for operation	30 °C

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

standards

UL 1561
NEMA ST-20
CSA C22.2 No 47

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1601 - Schneider Electric declaration of conformity	Compliant - since 1601 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Need no specific recycling operations	Need no specific recycling operations
WARNING: This product can expose you to chemicals including:	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.	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 www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov
