

Product data sheet

Specifications

SQUARE D



Transformer, dry type, DOE 2016, 300kVA, 3 phase, 480V delta primary, 208Y/120V secondary, 30J, 80C rise

EX300T68HB

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

| | |
|---------------------------|-------------------------------------|
| Range of Product | Square D |
| Product or Component Type | Transformer |
| Device short name | DOE 2016 |
| Transformer type | Energy efficient |
| Device Application | Low voltage electrical distribution |

Complementary

| | |
|-------------------------------|--|
| Box number | 30J |
| Phase | 3 phase |
| Rated operational power in VA | 300 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 | 208Y/120 V |
| Coil Material | Aluminium |
| Basic IMP level (BIL) | 10 kV |
| Temperature Rise | 80 °C 220 °C insulated |
| DOE Efficiency | 99.15 % at 35 % load factor , 167 °F (75.0 °C) |
| Sound Level | 55 dB 0 dB |
| %IZ | 3.1 % |
| %IX | 0.0284 % |
| X/R Ratio | 2.15 |
| Let Through Current | 26.6 kA |
| Transformer Losses | 672.0 no load (core loss) 1937.0 load loss (coil loss) |
| Transformer BTU/HR | 2475.085819852024 16.6 % 2706.0418648749996 25 % 3945.2891874999996 50 % 6010.701391875 75 % 8902.278478 100 % |

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

| | |
|------------------------------|---|
| Height | 71.0 in (1803 mm) |
| Depth | 37.9 in (963 mm) |
| Width | 48.3 in (1226 mm) |
| Net Weight | 2915.00 lb(US) (1322.22 kg) |
| Mounting support | Floor Floor, with 7400FMB |
| Degree of protection | UL type 1 UL type 2, with 7400DS30J UL type 3R, with 7400WS30J |
| Electrical connection | 4 Hole Nema Pad primary 0.4 in (11.1 mm) 6 Hole Nema Pad secondary 0.4 in (11.1 mm) 8 Hole Nema Pad sec - XO 0.4 in (11.1 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 | US1PE2X16251 |
| Discount Schedule | PE2X |
| GTIN | 785901726715 |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

| | |
|-------------------------------|-------------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 82.01 in (208.3 cm) |
| Package 1 Width | 42.52 in (108.0 cm) |
| Package 1 Length | 52.99 in (134.6 cm) |
| Package weight(Lbs) | 4082.693 lb(US) (1851.877 kg) |



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) **76885**

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **Yes**

[EU RoHS Directive](#) **Compliant**

REACH Regulation [REACH Declaration](#)

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 www.P65Warnings.ca.gov**

Halogen content performance **Halogen free plastic parts product**

PVC free **Yes**

Use Again

Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

Take-back **No**