



Price\* : 6,476.00 USD



## 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

|                               |                                                |
|-------------------------------|------------------------------------------------|
| Phase                         | 3 phase                                        |
| Rated operational power in VA | 112.5 kVA                                      |
| Network frequency             | 60 Hz                                          |
| Type of cooling               | Natural convection                             |
| Primary voltage               | 480 V delta                                    |
| Number of tap-offs            | 2 2.5 % FCAN<br>4 2.5 % FCBN                   |
| Secondary voltage             | 240 V delta<br>Centre tap 120 V                |
| Coil Material                 | Aluminium                                      |
| Basic IMP level (BIL)         | 10 kV                                          |
| Temperature Rise              | 220 °C insulated<br>150 °C                     |
| DOE Efficiency                | 98.83 % at 35 % load factor , 167 °F (75.0 °C) |
| Sound Level                   | 44 dB<br>6 dB NEMA ST-20                       |
| %IZ                           | 4.90 %                                         |
| %IX                           | 0.041 %                                        |
| X/R Ratio                     | 1.56                                           |

\* 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   | 5.6 kA                                                                                                                      |
| Transformer Losses    | 170.0 no load (core loss)<br>2948.0 load loss (coil loss)                                                                   |
| Transformer BTU/HR    | 857.249795638496 16.6 %<br>1208.7513035 0.25 %<br>3094.812794 0.5 %<br>6238.248611499999 0.75 %<br>10639.058755999999 1.0 % |
| Height                | 45.98 in (1168 mm)                                                                                                          |
| Depth                 | 24.02 in (610 mm)                                                                                                           |
| Width                 | 31.30 in (795 mm)                                                                                                           |
| Net Weight            | 865.01 lb(US) (392.36 kg)                                                                                                   |
| Mounting support      | Floor<br>Floor, with 7400FMB<br>Ceiling, with 7400CMB21K                                                                    |
| Degree of protection  | UL type 1<br>UL type 2, with 7400DS21K<br>UL type 3R, with 7400WS21K                                                        |
| Electrical connection | 4 Hole Nema Pad primary 0.44 in (11.1 mm)<br>4 Hole Nema Pad secondary 0.44 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<br>CSA C22.2 No 47<br>NEMA ST-20 |

## Ordering and shipping details

|                       |                                         |
|-----------------------|-----------------------------------------|
| Category              | 16250 - 3PH EX/2016 15-150KVA LVGP XFMR |
| Discount Schedule     | PE2X                                    |
| GTIN                  | 00785901712848                          |
| Nbr. of units in pkg. | 1                                       |
| Package weight(Lbs)   | 965.17 lb(US) (437.79 kg)               |
| Returnability         | No                                      |

## Packing Units

|                  |                   |
|------------------|-------------------|
| Package 1 Height | 4.19 ft (1.278 m) |
| Package 1 width  | 2.58 ft (0.787 m) |
| Package 1 Length | 2.75 ft (0.838 m) |

## 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<br><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><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                                                                                                                                                                               |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                             |

|                             |                                    |
|-----------------------------|------------------------------------|
| PVC free                    | Yes                                |
| Halogen content performance | Halogen free plastic parts product |

Approximate Dimensions

