



## 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 | 30 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             | 208Y/120 V                                     |
| Coil Material                 | Aluminium                                      |
| Basic IMP level (BIL)         | 10 kV                                          |
| Temperature Rise              | 150 °C<br>220 °C insulated                     |
| DOE Efficiency                | 98.55 % at 35 % load factor , 167 °F (75.0 °C) |
| Sound Level                   | 6 dB NEMA ST-20<br>39 dB                       |
| %IZ                           | 2.6 %                                          |
| %IX                           | 0.0182 %                                       |
| X/R Ratio                     | 0.99                                           |
| Let Through Current           | 3.2 kA                                         |

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

|                       |                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Transformer Losses    | 100.0 no load (core loss)<br>552.0 load loss (coil loss)                                                                               |
| Transformer BTU/HR    | 393.099631744 16.6 %<br>458.914 0.25 %<br>812.0559999999999 0.5 %<br>1400.626 0.75 %<br>2224.624 1.0 %                                 |
| Height                | 35.31 in (897 mm)                                                                                                                      |
| Depth                 | 20.98 in (533 mm)                                                                                                                      |
| Width                 | 25.51 in (648 mm)                                                                                                                      |
| Net Weight            | 495.00 lb(US) (224.53 kg)                                                                                                              |
| Mounting support      | Floor<br>Floor, with 7400FMB<br>Ceiling, with 7400CMB18K<br>Wall, with 7400WMB18K20K                                                   |
| Degree of protection  | UL type 1<br>UL type 2, with 7400DS18K<br>UL type 3R, with 7400WS18K                                                                   |
| Electrical connection | 2 Hole Nema Pad primary 0.44 in (11.1 mm)<br>2 Hole Nema Pad secondary 0.44 in (11.1 mm)<br>4 Hole Nema Pad sec - XO 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              | 16253 - 3PH EX/2016 K13 15-150KVA LVGP XFMR |
| Discount Schedule     | PE2X                                        |
| GTIN                  | 00785901474029                              |
| Nbr. of units in pkg. | 1                                           |
| Package weight(Lbs)   | 490 lb(US) (222.26 kg)                      |
| Returnability         | No                                          |

## Packing Units

|                  |                   |
|------------------|-------------------|
| Package 1 Height | 3.44 ft (1.049 m) |
| Package 1 width  | 2.67 ft (0.813 m) |
| Package 1 Length | 2.21 ft (0.673 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            |