

# EX225T3HFNLP

DOE 2016 LV XFMR, 3 Phase, K-13, 225kVA,  
480 Delta-208Y/120, AL,

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



Price\* : 19,137.00 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 | 225 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              | 115 °C<br>220 °C insulated                     |
| DOE Efficiency                | 99.10 % at 35 % load factor , 167 °F (75.0 °C) |
| Sound Level                   | 6 dB NEMA ST-20<br>49 dB                       |
| %IZ                           | 3.3 %                                          |
| %IX                           | 0.031 %                                        |
| X/R Ratio                     | 3.11                                           |
| Let Through Current           | 18.9 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    | 479 no load (core loss)<br>2243 load loss (coil loss)                                                                                  |
| Transformer BTU/HR    | 1847 16.6 %<br>2113 25 %<br>3548 50 %<br>5939 75 %<br>9288 100 %                                                                       |
| Height                | 57.52 in (1461 mm)                                                                                                                     |
| Depth                 | 32.76 in (832 mm)                                                                                                                      |
| Width                 | 40.08 in (1018 mm)                                                                                                                     |
| Net Weight            | 1974.99 lb(US) (895.84 kg)                                                                                                             |
| Mounting support      | Floor<br>Floor, with 7400FMB                                                                                                           |
| Degree of protection  | UL type 1<br>UL type 2, with 7400DS25J<br>UL type 3R, with 7400WS25J                                                                   |
| Electrical connection | 4 Hole Nema Pad primary 0.44 in (11.1 mm)<br>6 Hole Nema Pad secondary 0.44 in (11.1 mm)<br>8 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                  | 00785901710455                              |
| Nbr. of units in pkg. | 1                                           |
| Package weight(Lbs)   | 2002.34 lb(US) (908.25 kg)                  |
| Returnability         | No                                          |

## Packing Units

|                  |                   |
|------------------|-------------------|
| Package 1 Height | 5.33 ft (1.626 m) |
| Package 1 width  | 3.33 ft (1.016 m) |
| Package 1 Length | 4.00 ft (1.219 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                                                                                                                                                                                                                                                                                       |

