

#### **OFFICIAL QUOTE**

## 450VA 460 VOLTS TO 400Y/231 VOLTS THREE PHASE ISOLATION TRANSFORMER





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\$43,424.19 CAD

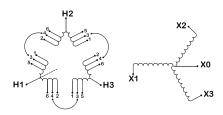
Three Phase Isolation Transformer with a capacity of 450kVA, transforming 460 Volts to 400Y/231 Volts

**SKU:** BC450H1-N1/Z3

**Categories:** <u>Isolation Transformers</u>

#### **SCHEMATIC/DIAGRAM AND DIMENSION PICTURES**





Three Phase Isolation Transformer with a capacity of 450kVA, transforming 460 Volts to 400Y/231 Volts



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#### PRODUCT SPECIFICATIONS

| PRODUCT SPECIFICATIONS     |                                                                                      |
|----------------------------|--------------------------------------------------------------------------------------|
| Weight                     | 3350 lbs                                                                             |
| Phases                     | <u>3</u>                                                                             |
| kVA                        | 450                                                                                  |
| Connection                 | 3Ph-DY-5CT-SD                                                                        |
| Primary Voltage            | 460                                                                                  |
| Primary Max Current        | 564.8A                                                                               |
| Primary Markings           | H1-H2-H3                                                                             |
| Primary Terminals          | <u>Pads</u>                                                                          |
| Secondary Voltage          | 400Y/231                                                                             |
| Secondary Max Current      | 649.52A                                                                              |
| Secondary Markings         | <u>X0-X1-X2-X3</u>                                                                   |
| Secondary Terminals        | <u>Pads</u>                                                                          |
| Primary Taps               | +/- 2 x 2.5%                                                                         |
| Conductor Material         | Copper                                                                               |
| BIL (Insulation) Level     | <u>10kV</u>                                                                          |
| Efficiency (@35% Load) %   | 99.11% (DOE 2016/NRCan 2019)                                                         |
| Impedance Range            | 4.0 - 6.0%                                                                           |
| Sound (db)                 | 60                                                                                   |
| Enclosure Type             | NEMA 3R Indoor                                                                       |
| Enclosure Size             | E3R-10                                                                               |
| Finish/Colour              | Polyester Powder Coat - ANSI/ASA 61 Grey                                             |
| Standards & Certifications | CSA Certified File No. LR34493, UL Listed File No. E108255, ISO 9001:2015 Registered |
| Temperatue Rise            | 150°C                                                                                |



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| Insuation Class      | 150°C                                    |
|----------------------|------------------------------------------|
| Country/Manufacturer | Canada/RPM                               |
| Finish/Colour        | Polyester Powder Coat - ANSI/ASA 61 Grey |