



## 500KVA 416 VOLTS TO 480Y/277 VOLTS THREE PHASE ISOLATION TRANSFORMER

**\$47,728.35 CAD**

Three Phase Isolation Transformer with a capacity of 500kVA, transforming 416 Volts to 480Y/277 Volts

SKU: BC500G-P/Z3

Categories: [Isolation Transformers](#)

### SCHEMATIC/DIAGRAM AND DIMENSION PICTURES



Three Phase Isolation Transformer with a capacity of 500kVA, transforming 416 Volts to 480Y/277 Volts



## PRODUCT SPECIFICATIONS

|                            |                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------|
| Weight                     | 3500 lbs                                                                                             |
| Phases                     | <a href="#">3</a>                                                                                    |
| kVA                        | <a href="#">500</a>                                                                                  |
| Connection                 | <a href="#">3Ph-DY-5CT-SU</a>                                                                        |
| Primary Voltage            | <a href="#">416</a>                                                                                  |
| Primary Max Current        | <a href="#">693.93A</a>                                                                              |
| Primary Markings           | <a href="#">X1-X2-X3</a>                                                                             |
| Primary Terminals          | <a href="#">Pads</a>                                                                                 |
| Secondary Voltage          | <a href="#">480Y/277</a>                                                                             |
| Secondary Max Current      | <a href="#">601.41A</a>                                                                              |
| Secondary Markings         | <a href="#">H0-H1-H2-H3</a>                                                                          |
| Secondary Terminals        | <a href="#">Pads</a>                                                                                 |
| Primary Taps               | <a href="#">+/- 2 x 2.5%</a>                                                                         |
| Conductor Material         | <a href="#">Copper</a>                                                                               |
| BIL (Insulation) Level     | <a href="#">10kV</a>                                                                                 |
| Efficiency (@35% Load) %   | <a href="#">99.14% (DOE 2016/NRCAN 2019)</a>                                                         |
| Impedance Range            | <a href="#">5.0 – 7.0%</a>                                                                           |
| Sound (db)                 | <a href="#">60</a>                                                                                   |
| Enclosure Type             | <a href="#">NEMA 3R Indoor</a>                                                                       |
| Enclosure Size             | <a href="#">E3R-10</a>                                                                               |
| Finish/Colour              | <a href="#">Polyester Powder Coat – ANSI/ASA 61 Grey</a>                                             |
| Standards & Certifications | <a href="#">CSA Certified File No. LR34493, UL Listed File No. E108255, ISO 9001:2015 Registered</a> |
| Temperature Rise           | <a href="#">150°C</a>                                                                                |



OFFICIAL QUOTE

500KVA 416 VOLTS TO 480Y/277  
VOLTS THREE PHASE ISOLATION  
TRANSFORMER



|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Insuation Class      | <a href="#">150°C</a>                                    |
| Country/Manufacturer | <a href="#">Canada/RPM</a>                               |
| Finish/Colour        | <a href="#">Polyester Powder Coat – ANSI/ASA 61 Grey</a> |