

**OFFICIAL QUOTE** 

# 450KVA 416 VOLTS TO 480Y/277 VOLTS THREE PHASE ISOLATION TRANSFORMER





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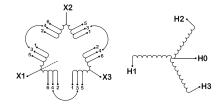
# \$31,980.61 USD

Three Phase Isolation Transformer with a capacity of 450kVA, transforming 416 Volts to 480Y/277 Volts

SKU: BC450G-P/Z3 Categories: <u>Isolation Transformers</u>

#### SCHEMATIC/DIAGRAM AND DIMENSION PICTURES





Three Phase Isolation Transformer with a capacity of 450kVA, transforming 416 Volts to 480Y/277 Volts



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# 450KVA 416 VOLTS TO 480Y/277 **VOLTS THREE PHASE ISOLATION** TRANSFORMER



# **PRODUCT SPECIFICATIONS**

| Weight                     | 3350 lbs  |
|----------------------------|---|
| Phases                     | <u>3</u>  |
| kVA                        | 450   |
| Connection                 | <u>3Ph-DY-5CT-SU</u>  |
| Primary Voltage            | <u>416</u>  |
| Primary Max Current        | <u>624.54A</u>  |
| Primary Markings           | <u>X1-X2-X3</u>   |
| Primary Terminals          | Pads  |
| Secondary Voltage          | <u>480Y/277</u>   |
| Secondary Max Current      | <u>541.27A</u>  |
| Secondary Markings         | <u>H0-H1-H2-H3</u>  |
| Secondary Terminals        | Pads  |
| Primary Taps               | <u>+/-2 x 2.5%</u>  |
| Conductor Material         | Copper  |
| BIL (Insulation) Level     | <u>10kV</u>   |
| Efficiency (@35% Load) %   | 99.11% (DOE 2016/NRCan 2019)  |
| Impedance Range            | <u>4.0 - 6.0%</u>   |
| Sound (db)                 | <u>60</u>   |
| Enclosure Type             | NEMA 3R Indoor  |
| Enclosure Size             | <u>E3R-10</u>   |
| Finish/Colour              | Polyester Powder Coat – ANSI/ASA 61 Grey  |
| Standards & Certifications | CSA Certified File No. LR34493, UL Listed File No. E108255, ISO 9001:2015<br>Registered |
| Temperatue Rise            | <u>150°C</u>  |

The quote is valid 30 days from 1 June 2025. The price does not include: "Special Features", freight and possible taxes. Disclosing this information to the third party or other supplier may lead to the cancellation of this quote. All other requests please email to sales@transformersource.ca. Printed: September-16-2024.



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