

### **OFFICIAL QUOTE**

# 300VA 416 VOLTS TO 600Y/347 VOLTS THREE PHASE ISOLATION TRANSFORMER





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\$32,006.02 CAD

Three Phase Isolation Transformer with a capacity of 300kVA, transforming 416 Volts to 600Y/347 Volts

**SKU:** BC300G-Q/Z3

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

### SCHEMATIC/DIAGRAM AND DIMENSION PICTURES



$$\begin{array}{c} X2 \\ \\ X1 \\ \\ X1 \\ \\ \end{array}$$

Three Phase Isolation Transformer with a capacity of 300kVA, transforming 416 Volts to 600Y/347 Volts



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## **PRODUCT SPECIFICATIONS**

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|----------------------------|--|
| Weight                     | 2055 lbs   |
| Phases                     | 3  |
| kVA                        | 300  |
| Connection                 | 3Ph-DY-5CT-SU  |
| Primary Voltage            | 416  |
| Primary Max Current        | 416.36A  |
| Primary Markings           | <u>X1-X2-X3</u>  |
| Primary Terminals          | <u>Pads</u>  |
| Secondary Voltage          | 600Y/347   |
| Secondary Max Current      | 288.68A  |
| Secondary Markings         | H0-H1-H2-H3  |
| Secondary Terminals        | <u>Pads</u>  |
| Primary Taps               | +/- 2 x 2.5%   |
| Conductor Material         | Copper   |
| BIL (Insulation) Level     | <u>10kV</u>  |
| Efficiency (@35% Load) %   | 99.02% (DOE 2016/NRCan 2019)   |
| Impedance Range            | 4.0 - 6.0%   |
| Sound (db)                 | <u>55</u>  |
| Enclosure Type             | NEMA 3R Indoor   |
| Enclosure Size             | E3R-9  |
| 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 |