



## OFFICIAL QUOTE

100KVA 416 VOLTS TO 110/220  
VOLTS SINGLE PHASE ISOLATION  
TRANSFORMER



## 100KVA 416 VOLTS TO 110/220 VOLTS SINGLE PHASE ISOLATION TRANSFORMER

**\$10,869.08 CAD**

Single Phase Isolation Transformer with a capacity of 100kVA, transforming 416 Volts to 110/220 Volts

**SKU:** SC100G-K2/Z3

**Categories:** [Isolation Transformers](#)

### SCHEMATIC/DIAGRAM AND DIMENSION PICTURES



Single Phase Isolation Transformer with a capacity of 100kVA, transforming 416 Volts to 110/220 Volts



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#### PRODUCT SPECIFICATIONS

|                            |                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------|
| Weight                     | 711 lbs                                                                                              |
| Phases                     | <a href="#">1</a>                                                                                    |
| kVA                        | <a href="#">100</a>                                                                                  |
| Connection                 | <a href="#">1Ph-2coil-5t-SD</a>                                                                      |
| Primary Voltage            | <a href="#">416</a>                                                                                  |
| Primary Max Current        | <a href="#">240.38A</a>                                                                              |
| Primary Markings           | <a href="#">H1-H2</a>                                                                                |
| Primary Terminals          | <a href="#">600 MCM – 2</a>                                                                          |
| Secondary Voltage          | <a href="#">110/220</a>                                                                              |
| Secondary Max Current      | <a href="#">909.09A</a>                                                                              |
| Secondary Markings         | <a href="#">X1-X2</a>                                                                                |
| Secondary Terminals        | <a href="#">600 MCM – 2</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="#">98.60% (DOE 2016/NRCan 2019)</a>                                                         |
| Impedance Range            | <a href="#">4.0 – 6.0%</a>                                                                           |
| Sound (db)                 | <a href="#">50</a>                                                                                   |
| Enclosure Type             | <a href="#">NEMA 3R Indoor</a>                                                                       |
| Enclosure Size             | <a href="#">E3R-8S</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> |
| Temperatue Rise            | <a href="#">150°C</a>                                                                                |



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|                      |                                                          |
|----------------------|----------------------------------------------------------|
| 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> |