

**OFFICIAL QUOTE** 

100KVA 416 VOLTS TO 347 VOLTS SINGLE PHASE ISOLATION TRANSFORMER





## 100KVA 416 VOLTS TO 347 VOLTS SINGLE PHASE ISOLATION TRANSFORMER

# \$10,434.31 CAD

Single Phase Isolation Transformer with a capacity of 100kVA, transforming 416 Volts to 347 Volts

SKU: SC100G-E/Z3 Categories: Isolation Transformers

#### SCHEMATIC/DIAGRAM AND DIMENSION PICTURES





Single Phase Isolation Transformer with a capacity of 100kVA, transforming 416 Volts to 347 Volts



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#### **PRODUCT SPECIFICATIONS**

| Weight                     | 711 lbs   |
|----------------------------|---|
| Phases                     | 1   |
| kVA                        | 100   |
| Connection                 | 1Ph-2coil-5t-SD   |
| Primary Voltage            | <u>416</u>  |
| Primary Max Current        | <u>240.38A</u>  |
| Primary Markings           | <u>H1-H2</u>  |
| Primary Terminals          | <u>600 MCM – 2</u>  |
| Secondary Voltage          | 347   |
| Secondary Max Current      | <u>288.18A</u>  |
| Secondary Markings         | <u>X1-X2</u>  |
| Secondary Terminals        | <u>600 MCM – 2</u>  |
| Primary Taps               | <u>+/-2 x 2.5%</u>  |
| Conductor Material         | <u>Copper</u>   |
| BIL (Insulation) Level     | <u>10kV</u>   |
| Efficiency (@35% Load) %   | 98.60% (DOE 2016/NRCan 2019)  |
| Impedance Range            | <u>4.0 - 6.0%</u>   |
| Sound (db)                 | <u>50</u>   |
| Enclosure Type             | NEMA 3R Indoor  |
| Enclosure Size             | <u>E3R-8S</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 16 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 |