



## OFFICIAL QUOTE

### 50KVA 600 VOLTS TO 230/460 VOLTS SINGLE PHASE ISOLATION TRANSFORMER



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**\$5,282.20 CAD**

Single Phase Isolation Transformer with a capacity of 50kVA, transforming 600 Volts to 230/460 Volts

**SKU:** SC50J-L1/Z3

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

## SCHEMATIC/DIAGRAM AND DIMENSION PICTURES



Single Phase Isolation Transformer with a capacity of 50kVA, transforming 600 Volts to 230/460 Volts



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#### PRODUCT SPECIFICATIONS

|                            |                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------|
| Weight                     | 348 lbs                                                                                              |
| Phases                     | <a href="#">1</a>                                                                                    |
| kVA                        | <a href="#">50</a>                                                                                   |
| Connection                 | <a href="#">1Ph-2coil-5t-SD</a>                                                                      |
| Primary Voltage            | <a href="#">600</a>                                                                                  |
| Primary Max Current        | <a href="#">83.33A</a>                                                                               |
| Primary Markings           | <a href="#">H1-H2</a>                                                                                |
| Primary Terminals          | <a href="#">#2/0-6 AWG</a>                                                                           |
| Secondary Voltage          | <a href="#">230/460</a>                                                                              |
| Secondary Max Current      | <a href="#">217.39A</a>                                                                              |
| Secondary Markings         | <a href="#">X1-X2</a>                                                                                |
| Secondary Terminals        | <a href="#">#2/0-6 AWG</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="#">98.30% (DOE 2016/NRCan 2019)</a>                                                         |
| Impedance Range            | <a href="#">4.0 – 6.0%</a>                                                                           |
| Sound (db)                 | <a href="#">45</a>                                                                                   |
| Enclosure Type             | <a href="#">NEMA 3R Indoor</a>                                                                       |
| Enclosure Size             | <a href="#">E3R-6</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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SINGLE 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> |