



100KVA 120 VOLTS TO 347 VOLTS SINGLE PHASE ISOLATION TRANSFORMER

\$10,434.31 CAD

Single Phase Isolation Transformer with a capacity of 100kVA, transforming 120 Volts to 347 Volts

SKU: SC100A-E/Z3

Categories: [Isolation Transformers](#)

SCHEMATIC/DIAGRAM AND DIMENSION PICTURES



Single Phase Isolation Transformer with a capacity of 100kVA, transforming 120 Volts to 347 Volts



PRODUCT SPECIFICATIONS

| | |
|----------------------------|--|
| Weight | 711 lbs |
| Phases | 1 |
| kVA | 100 |
| Connection | 1Ph-2coil-5T-SU |
| Primary Voltage | 120 |
| Primary Max Current | 833.33A |
| Primary Markings | X1-X2 |
| Primary Terminals | Pads |
| Secondary Voltage | 347 |
| Secondary Max Current | 288.18A |
| Secondary Markings | H1-H2 |
| Secondary Terminals | Pads |
| Primary Taps | +/- 2 x 2.5% |
| Conductor Material | Copper |
| BIL (Insulation) Level | 10kV |
| Efficiency (@35% Load) % | 98.60% (DOE 2016/NRCan 2019) |
| Impedance Range | 4.0 – 6.0% |
| Sound (db) | 50 |
| Enclosure Type | NEMA 3R Indoor |
| Enclosure Size | E3R-8S |
| 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 |



OFFICIAL QUOTE

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SINGLE PHASE ISOLATION
TRANSFORMER



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