



GENERAC® TRANSFER SWITCHES



CSA Approved Service Rated Automatic Transfer Switch

100 & 200 Amps

Model RTSE100A3CSA – 100 Amp Switch

Model RTSE200A3CSA – 200 Amp Switch



DESCRIPTION

Generac is proud to offer the first ever, CSA approved service rated transfer switches for Canadian use. These switches use patent pending technology to allow for use in whole house applications in Canada. The switches are available in 100 and 200 amp ratings for single phase applications. The switches employ CUL rated circuit breakers on the utility side of the transfer contactor for full downstream protection. The aluminum enclosure is rated for NEMA/UL Type 3R installation and is fully protected from the elements.

STANDARD FEATURES

Both transfer switches are housed in an aluminum NEMA/UL Type 3R enclosure, with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is a UL recognized device, designed for years of service. The control at the generator handles all the timing, sensing and exercising functions.



FUNCTIONS

All Timing and sensing functions originate in the generator controller.

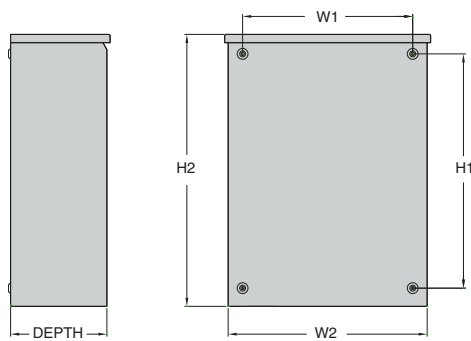
| | |
|--------------------------------|---|
| Utility voltage drop-out..... | <60% |
| Timer to generator start | 10 second factory set, adjustable between 10-30 seconds |
| Engine warm up delay | 5 seconds |
| Standby voltage sensor | .60% for 5 seconds |
| Utility voltage pickup..... | >80% |
| Re-transfer time delay | 15 seconds |
| Engine cool-down timer | 60 seconds |
| Exerciser | 12 minutes every 7 days |

The transfer switch can be operated manually without power applied.

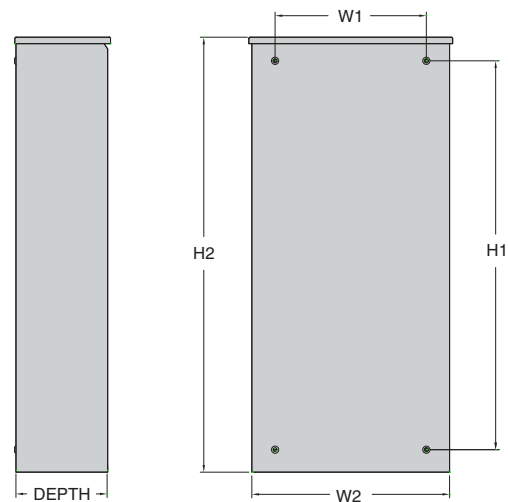
SPECIFICATIONS

| | | | | | | | | | | |
|----------------------------------|-------------------------------|-------|-------|------|--------|-------------------------------|-------|-------|------|--------|
| Amps | RTSE100A3CSA | | | | | RTSE200A3CSA | | | | |
| Voltage | 120/240, 1 ϕ | | | | | 120/240, 1 ϕ | | | | |
| Load Transition Type (Automatic) | Open Transition Service Rated | | | | | Open Transition Service Rated | | | | |
| Enclosure Type | NEMA 3R | | | | | NEMA 3R | | | | |
| Withstand Rating (Amps) | 10,000 | | | | | 22,000 | | | | |
| Lug Range | 2/0 - #14 | | | | | 400 MCM - #4 | | | | |
| External Dimensions | Height | | Width | | Depth | Height | | Width | | Depth |
| | H1 | H2 | W1 | W2 | | H1 | H2 | W1 | W2 | |
| Inches | 16.3 | 20.2 | 11.8 | 14.6 | 7.1 | 26.0 | 30.0 | 12.5 | 16.0 | 7.1 |
| mm | 415 | 512.4 | 300 | 372 | 180.03 | 660.4 | 762.4 | 317.5 | 407 | 180.03 |
| Unit Weight – lbs. kilos | 21 9.53 | | | | | 38.5 17.46 | | | | |

100 Amp Switch



200 Amp Switch



TRANSFER SWITCH FEATURES

- Electrically operated, mechanically-held contacts for fast, positive connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 2 pole, 250 VAC contactors.
- 160 millisecond transfer time.
- Dual coil design.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA 3R (indoor/outdoor rated) aluminum enclosure is standard.