



# STANDBY GENERATOR TRANSFER SWITCHES

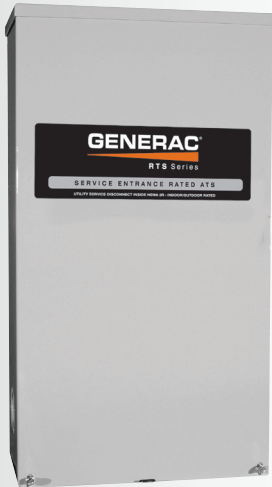
## RTS Automatic Transfer Switch

100 - 400 Amps



### DESCRIPTION

Generac RTS automatic transfer switches are designed to operate with the digital control used on air-cooled generators and the Generac R200 control used on liquid-cooled QT series gaseous generators from 22 kW through 60 kW. The RTS transfer switch will operate only with the Generac R200 controller. The 100, 200 and 400 amp open transition switches are available in single and 3 phase configurations for 120/240, 120/208 and 120/240 3 phase at 100, 200 and 400 amp ratings and 277/480 at the 100 and 200 amp rating.



### STANDARD FEATURES

All RTS 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.

100 – 400 Amp RTS NEMA 3R

### SERVICE RATED SWITCHES

The Generac Service Rated Transfer Switches are available in 100, 200 and 400 amp ratings in single phase applications. The switches are UL 1008 listed with 100, 200 or 400 amp UL 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.

### CSA CERTIFIED SERVICE ENTRANCE RATED SWITCHES

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.

**GENERAC®**

# FUNCTIONS

All Timing and sensing functions originate in the R-100 controller

Utility voltage drop-out.....	<60%
Timer to generator start .....	15 seconds
Engine warm up delay.....	5 seconds
Standby voltage sensor.....	90%
Utility voltage pickup.....	>80%
Re-transfer time delay.....	15 seconds
Engine cool-down timer.....	60 seconds
Exerciser .....	15 minutes every 7 days

The transfer switch can be operated manually without power applied.

# SPECIFICATIONS

Amps	100	100	200	200	400	400	CSA100	CSA200
Voltage	120/240, 1ø 120/208, 3ø 120/240, 3ø 277/480, 3ø	120/240, 1ø	120/240, 1ø 120/208, 3ø 120/240, 3ø 277/480, 3ø	120/240, 1ø	120/240, 1ø 120/208, 3ø 120/240, 3ø	120/240, 1ø	120/240, 1ø	120/240, 1ø
Load Transition Type (Automatic)	Open Transition	Open Transition Service Rated	Open Transition	Open Transition Service Rated	Open Transition	Open Transition Service Rated	Open Transition Service Rated	Open Transition Service Rated
Enclosure Type	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R
Withstand Rating (Amps)	10,000 14,000 14,000	10,000	10,000 25,000 25,000	22,000	18,000	22,000	10,000	22,000
Lug Range	2/0 - #14		400 MCM - #4		600 MCM - #4 or 2-250 MCM		2/0 - #14	400 MCM - #4
External Dimensions (H" x W" x D")	120/240, 1ø 120/208, 3ø 120/240, 3ø 277/480, 3ø	21 x 16 x 8	20 x 15.2 x 7.3 24.1 x 20.5 x 7.3 24.1 x 20.5 x 7.3 48.1 x 30.6 x 13.3	32 x 14 x 9	36.1 x 24.4 x 10.2 36.1 x 24.4 x 10.2 36.1 x 24.4 x 10.2	50 x 24 x 15	20.17 x 14.64 x 7.1	30 x 16 x 7.1
Unit Weight (lbs.)	20 53 105	22.5	20 53 110	39	133	140	21	38.5