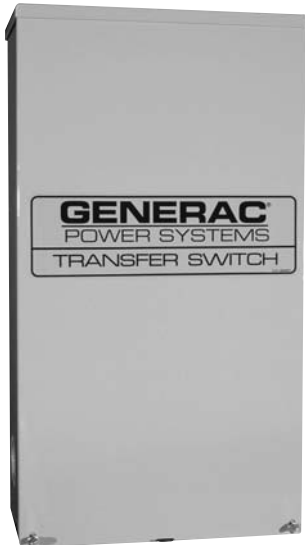


# RTS Automatic Transfer Switch

## 100 - 400 Amps 600 VAC



100 – 400 Amp RTS NEMA 3R

### DESCRIPTION

Generac RTS automatic transfer switches are designed to operate with the Generac R-100 control used on the 1.5, 2.5, 3.0 and 3.9 liter QT series gaseous generators. The transfer switches are UL 1008 listed for standby operation.

### STANDARD FEATURES

The standard 100 - 400 amp transfer switch is housed in a steel NEMA 3R enclosure, with electrostatically applied powder paint. The Heavy Duty contactor is a UL recognized device, designed for years of service. The connection between the RTS and the Generator control is 7- # 14 wires. The service entrance rated transfer switches have a UL listed Mainline circuit breaker ahead of the transfer switch for full downstream protection.



### 100 AMP TRANSFER SWITCH

This 100 amp Transfer switch has an integrated load center for picking up the emergency circuits. It is especially useful where the main service is large and only a portion of the building load will be served by the generator. Internal point to point wiring for the generator connection and the 12 circuits from the main distribution point are included.



### 200 AMP HUB SWITCH

The 200 amp hub switch comes complete with a 200 amp meter socket and built in wiring harness for quick and easy installation. The switch is also service entrance rated with a 200 amp mainline circuit breaker installed and wired. Generator and load center conduits and wiring are not included.

# GENERAC®

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## POWER SYSTEMS, INC.

# FUNCTIONS

## RTS 100-400 Amp Transfer Switch

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.....	10 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	100	200	200	400	400
Voltage	120/240, 1Ø	120/240, 1Ø 120/208, 3Ø 277/480, 3Ø	120/240, 1Ø	120/240, 1Ø 120/208, 3Ø 277/480, 3Ø	120/240, 1Ø	120/240, 1Ø 120/208, 3Ø	277/480, 3Ø
Load Transition Type (Automatic)	Open Transition W/12 Cir. Ld. Ctr.	Open Transition	Open Transition Ser. Ent. Rated	Open Transition	Open Transition Ser. Ent. Rated	Open Transition	Open Transition
Enclosure Type	NEMA 1	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R
Express Install Kit Included	Yes	No	No	No	No	No	No
Withstand Rating (Amps)	10,000	10,000	10,000	10,000	10,000	18,000	18,000
Lug Range	2/0 - #14		400 MCM - #4		600 MCM - #4 or 2-250 MCM		
External Dimensions (H" x W" x D") 120/240, 1Ø & 120/208, 3Ø 277/480, 3Ø	27 x 13 x 7	24 x 20 x 7 36 x 24 x 10	24 x 13 x 7	20 x 15 x 7	24 x 13 x 7	36 x 24 x 10	48 x 30 x 12
Unit Weight (lbs.)	30	26	42	48	50	95	105

# TYPICAL CONNECTION

