

## Automatic Transfer Switches

## Non-Service Rated Automatic Transfer Switches

600 - 800 Amps, Single Phase

Model: RTSC600A3

RTSC800A3



012302



\*Assembled in the USA using domestic and foreign parts

### Description

Generac 600 - 800 amp non-service rated switches are compatible with the full 22-150kW line of liquid-cooled generators. The switches are open transition and are available in 120/240 1Ø.

### Standard Features

600 - 800 amp non-service rated transfer switches are housed in a rugged steel NEMA 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 controller at the generator handles all the timing, sensing, exercising functions, and transfer commands.

### Load Management Technology

Through the use of the integrated Smart A/C Module (SACM), these switches have the capability to manage up to four individual HVAC (24 VAC controlled) loads with no additional hardware. When used in tandem with external Smart Management Modules, a total of eight more loads can be managed, providing the most installation efficient power management options available.

## 600 - 800 Amps

## Single Phase Automatic Transfer Switches

### Features

- Electrically operated, mechanically-held contacts for fast, positive connections.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- 160 millisecond transfer time.
- Limited 5 year warranty.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- NEMA 3R (indoor/outdoor rated) steel enclosure is standard.
- Single coil design.

### 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 2 - 1500 Seconds by a Qualified Dealer*
Engine Warmup Delay	5 Seconds
Standby Voltage Sensor	60% for 5 Seconds
Utility Voltage Pickup	>80%
Re-transfer Time Delay	15 Seconds
Engine Cooldown Timer	60 Seconds
Exerciser	Nexus™: 12 Minutes Weekly Evolution™: 5 to 12 Minutes Adjustable, Weekly/Bi-weekly/Monthly
The Transfer Switch can be Operated Manually Without Power Applied	

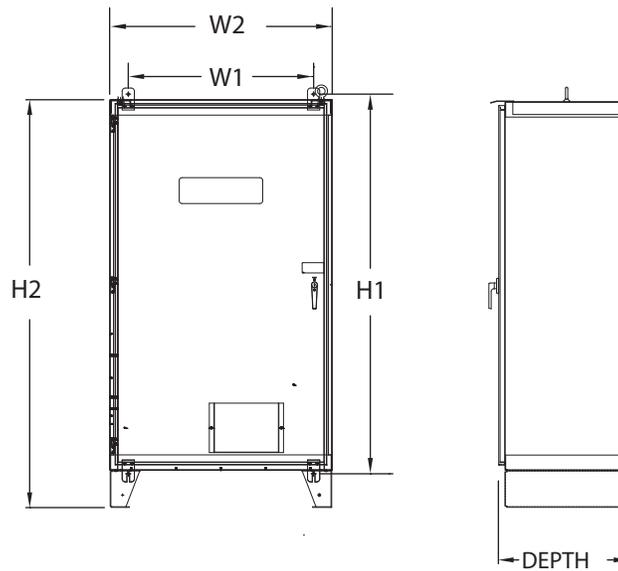
\* When used in conjunction with units utilizing Evolution™ controls

### Specifications

Model	RTSC600A3	RTSC800A3
Amps	600	800
Voltage	120/240 1Ø	120/240 1Ø
Load Transition Type (Automatic)	Open Transition	Open Transition
Enclosure Type	NEMA 3R	NEMA 3R
Withstand Rating (Amps)	42,000	65,000
Lug Range	1/0 - 500 MCM	4/0 - 500 MCM

**Dimensions**

Model		RTSC600A3	RTSC800A3
Height - in (cm)	H1	61.4 (155.9)	61.4 (155.9)
	H2	66 (167.6)	66 (167.6)
Width - in (cm)	W1	30 (76.2)	30 (76.2)
	W2	36 (91.4)	36 (91.4)
Depth - in (cm)		21 (53.3)	21 (53.3)
Weight - lbs (kg)		337.5 (153.1)	337.5 (153.1)



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