

## Automatic Transfer Switches

## Non-Service Rated Automatic Smart Transfer Switches

600 - 800 Amps, 1 and 3-phase



\*Built 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 1 $\phi$ , 120/208 3 $\phi$ , 120/240 3 $\phi$ , and 277/480 3 $\phi$ .

### STANDARD FEATURES

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

### DPM Technology (single phase switches only)

Through the use of digital power technology (DPM), these switches have the capability to manage up to 4 individual HVAC (24 VAC controlled) loads with no additional hardware. When used in tandem with the Smart Management Modules, up to 8 more loads can be managed as well, providing the most installation efficient power management options available.

## 600-800 Amps

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### 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 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.

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

### Specifications

Model	RTSC600A3	RTSN600G3	RTSN600J3	RTSN600K3	RTSC800A3	RTSN800G3	RTSN800J3	RTSN800K3
Amps	600				800			
Voltage	120/240 1Ø	120/208 3Ø	120/240 3Ø	277/480 3Ø	120/240 1Ø	120/208 3Ø	120/240 3Ø	277/480 3Ø
Load Transition Type (Automatic)	Open Transition							
Enclosure Type	NEMA/UL 3R							
Withstand Rating (Amps)	42,000				65,000			
Lug Range	1/0 - 500 MCM				4/0 - 500 MCM			

### Features

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

### Dimensions

Voltages*	Height (in./mm)		Width (in./mm)		Depth (in./mm)	Weight (lbs/kilos)
	H1	H2	W1	W2		
120/240 1Ø, 120/208 3Ø, 120/240 3Ø	61.4/1559.6	66/1676.4	30/762	36/914.4	21/533.4	337.5/153.09
277/480 3Ø	61.4/1559.6	66/1676.4	30/762	36/914.4	21/533.4	353.5/160.34

\*Includes 600 & 800 amp switches.

