

Automatic Transfer Switches

Non-Service Rated Automatic Transfer Switches



600 - 800 Amps, Three Phase

Model: RTSN600G3
RTSN600J3
RTSN600K3
RTSN800G3
RTSN800J3
RTSN800K3



*Assembled in the USA using domestic and foreign parts

Description

Generac 600 - 800 amp RTS switches are compatible with the full 22-150kW line of liquid-cooled generators. The switches are open transition and are available in 120/208 3 ϕ , 120/240 3 ϕ , and 277/480 3 ϕ .

Standard Features

600 - 800 amp RTS 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 control at the generator handles all the timing, sensing and exercising functions.

600 - 800 Amps

Three 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 2 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 10 - 30 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	RTSN600G3	RTSN600J3	RTSN600K3	RTSN800G3	RTSN800J3	RTSN800K3
Amps	600			800		
Voltage	120/208, 3ø	120/240, 3ø	277/480, 3ø	120/208, 3ø	120/240, 3ø	277/480, 3ø
Load Transition Type (Automatic)	Open Transition					
Enclosure Type	NEMA 3R					
Withstand Rating (Amps)	42,000			65,000		
Lug Range	1/0 - 500 MCM			4/0 - 500 MCM		

600 - 800 Amps

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Dimensions

Model		RTSN600G3	RTSN600J3	RTSN600K3	RTSN800G3	RTSN800J3	RTSN800K3
Height - in (cm)	H1	61.4 (155.9)	61.4 (155.9)	61.4 (155.9)	61.4 (155.9)	61.4 (155.9)	61.4 (155.9)
	H2	66 (167.6)	66 (167.6)	66 (167.6)	66 (167.6)	66 (167.6)	66 (167.6)
Width - in (cm)	W1	30 (76.2)	30 (76.2)	30 (76.2)	30 (76.2)	30 (76.2)	30 (76.2)
	W2	36 (91.4)	36 (91.4)	36 (91.4)	36 (91.4)	36 (91.4)	36 (91.4)
Depth - in (cm)		21 (53.3)	21 (53.3)	21 (53.3)	21 (53.3)	21 (53.3)	21 (53.3)
Weight - lbs (kg)		439 (199.1)	439 (199.1)	439 (199.1)	439 (199.1)	439 (199.1)	439 (199.1)

