



GENERAC® TRANSFER SWITCHES

RTS Automatic Transfer Switch

600 - 800 Amps, 1 and 3-phase



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 120/240 1 ϕ , 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/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.



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
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.

SPECIFICATIONS

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					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				
External Dimensions	Height		Width		Depth	Height		Width		Depth
	H1	H2	W1	W2		H1	H2	W1	W2	
120/240, 1Ø	61.4	66	30	36	21	61.4	66	30	36	21
120/208, 3Ø	61.4	66	30	36	21	61.4	66	30	36	21
120/240, 3Ø	61.4	66	30	36	21	61.4	66	30	36	21
277/480, 3Ø	61.4	66	30	36	21	61.4	66	30	36	21
Unit Weight (lbs.)	439					469				

TRANSFER SWITCH 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 3R (indoor/outdoor rated) rugged steel enclosure is standard.
- Limited Two Year Warranty.

