

TRANSFER SWITCHES

RTS Automatic Transfer Switch

100 - 400 Amps, Three Phase







FEATURES

- All RTS switches are available in 120/208 3ø, 120/240 3ø, and 277/480 3ø. All switches are open transition.
- All RTS switches are housed in a 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 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 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 Sync™ 2.0 controls

SPECIFICATIONS												
Model	RTSZ100G3	RTSZ100J3	RTSZ100K3	RTSZ200G3	RTSZ200J3	RTSZ200K3	RTSZ400G3	RTSZ400J3	RTSZ400K3			
Amps	100			200			400					
Voltage	120/208 3Ø	120/240 3Ø	277/480 3Ø	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/UL 3R											
Withstand Rating (Amps)	10,000	14,000	14,000	10,000	25,000	25,000	18,000	18,000	18,000			
Lug Range	2/0 - #6			400 MCM - #4			600 MCM - #4 OR 1/0-250 MCM					

DIMENSIONS												
Model	Height (in./mm)	Width (in./mm)	Depth	Weight						
	H1	H2	W1	W2	(in./mm)	(lbs./kilos)						
RTSZ100G3	19.3/490.2	24.1/612.1	16.9/429.3	20.2/513.1	7.1/180.3	65/29.48						
RTSZ100J3	19.3/490.2	24.1/612.1	16.9/429.3	20.2/513.1	7.1/180.3	57/25.85						
RTSZ100K3	31.3/795	36.1/916.9	19.2/487.7	24/609.6	10/254	135/61.24						
RTSZ200G3	19.3/490.2	24.1/612.1	16.9/429.3	20.2/513.1	7.1/180.3	48/21.77						
RTSZ200J3	19.3/490.2	24.1/612.1	16.9/429.3	20.2/513.1	7.1/180.3	65/29.48						
RTSZ200K3	43/1092.2	48.1/1221.7	25/635	30.1/764.5	13.1/332.7	105/47.63						
RTSZ400G3	31.3/795	36.1/916.9	19.2/487.7	24/609.6	10/254	160/72.57						
RTSZ400J3	31.3/795	36.1/916.9	19.2/487.7	24/609.6	10/254	133/60.33						
RTSZ400K3	43/1092.2	48.1/1221.7	25/635	30.1/764.5	13.1/332.7	133/60.33						

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/UL 3R (indoor/outdoor rated) aluminum enclosure is standard.
- · Comprehensive 5 Year Warranty.

Generac Power Systems, Inc.

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