

Service rated Automatic Transfer Switches

Automatic Transfer Switches

100 - 200 Amps, Three Phase



DESCRIPTION

Generac Three Phase Automatic Transfer Switches are designed for use with three phase generators that utilize an Evolution™ or Nexus™ Controller. The Service Entrance Transfer Switches are open transition and listed to UL 1008 for Optional Standby applications. Enclosures are provided with integrated deadfront for safe operation of the Service Disconnect. Service Disconnects are listed to UL 489. The Service Entrance Switches are designed for a single person installation.

STANDARD FEATURES

Service rated (RTSW) Generac Automatic Transfer Switches are housed in an aluminum NEMA/UL Type 3R enclosure, with electrostatically applied powder coating. 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. All switches are covered by a 5 year limited warranty.

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Functions

All timing and sensing functions originate in the generator controller. Parameters may vary depending on generator configuration.

Utility voltage drop-out.....	<60%
Timer to generator start.....	5 second factory set, adjustable between 2-1500 seconds by a qualified dealer*
Engine warm up delay.....	5 second factory set, adjustable between 5-1500 seconds by a qualified dealer*
Utility voltage pickup.....	>90%
Re-transfer time delay.....	15 seconds
Engine cool-down timer.....	60 seconds (5 minutes on turbo configuration)
Exerciser.....	12 minutes every 7 days

The transfer switch can be operated manually without power applied.

Specifications

Model	RTSW100G3	RTSW100J3	RTSW100K3	RTSW200G3	RTSW200J3	RTSW200K3
Amps	100	100	100	200	200	200
Voltage	120/208V, 3Ø	120/240V, 3Ø	277/480V, 3Ø	120/208V, 3Ø	120/240V, 3Ø	277/480V, 3Ø
Load Transition Type (Automatic)	Open Transition					
Enclosure Type	NEMA 3R					
UL Rating	Listed to UL 1008					
Withstand Rating (Amps)	14 kA	14 kA	14 kA	18 kA	18 kA	18 kA
Lug Range (Breaker)	#6 AWG - 300MCM	#6 AWG - 300MCM	#6 AWG - 300MCM	#6 AWG - 300MCM	#6 AWG - 300MCM	#6 AWG - 300MCM
Lug Range (Transfer Switch)	#6 AWG - 2/0	#6 AWG - 2/0	#6 AWG - 2/0	#4 AWG - 400MCM	#4 AWG - 400MCM	#4 AWG - 400MCM

Dimensions

Model		RTS100W	RTS200W
Height (in/mm)	H1	42.91/1089.9	42.91/1089.9
	H2	48/1219.2	48/1219.2
Width (in/mm)	W1	16.69/423.9	16.69/423.9
	W2	21.82/554.2	21.82/554.2
Depth (in/mm)		10.06/255.5	10.06/255.5
Weight (lbs/kilos)		50/22.7	55/24.9

