Automatic
Transfer Switches

Service Rated Automatic Transfer Switches



100 - 200 Amps, Three Phase

Models: RTSW100G3
RTSW100J3
RTSW100K3
RTSW200G3
RTSW200J3
RTSW200K3

*Assembled in the USA using domestic and foreign parts

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 ETL for Optional Standby applications. Enclosures are provided with integrated deadfront for safe operation of the Service Disconnect. The Service Entrance Switches are ETL listed, and are designed for a single person installation.

Standard Features

Service rated (RTSW) Generac Automatic Transfer Switches are housed in an aluminum NEMA Type 3R enclosure, with electrostatically applied powder coating. The Heavy Duty Generac Contactor is a ETL 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.

GENERAC®

100 - 200 Amps, Three Phase

Automatic Transfer Switches

Functions

All timing and sensing functions originate in the generator controller.

Utility Voltage Drop-out	<60%
Timer to Generator Start	5 Second Factory Set, Adjustable Between 2 - 1,500 Seconds by a Qualified Dealer*
Engine Warmup Delay	5 Second Factory Set, Adjustable Between 2 - 1,500 Seconds by a Qualified Dealer*
Utility Voltage Pickup	>90%
Re-transfer Time Delay	15 Seconds
Engine Cooldown Timer	60 Seconds (5 minutes on turbo configuration)
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	

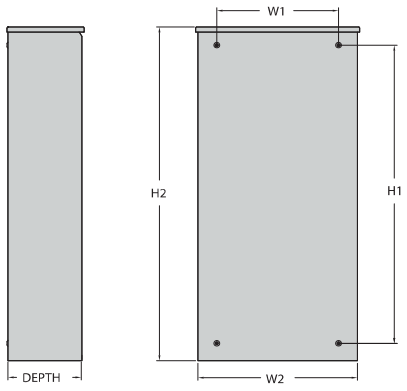
* When used in conjunction with units utilizing Evolution™ controls

Specifications

Model	RTSW100G3	RTSW100J3	RTSW100K3	RTSW200G3	RTSW200J3	RTSW200K3
Amps	100			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					
Compliance	ETL					
Withstand Rating (Amps)	14 kA			18 kA		
Lug Range (Breaker)	#6 AWG - 300MCM					
Lug Range (Transfer Switch)	#6 AWG - 2/0			#4 AWG - 400MCM		

Dimensions

Model		RTSW100G3 RTSW100J3 RTSW100K3	RTSW200G3 RTSW200J3 RTSW200K3
Height (in / cm)	H1	42.9 / 109	42.9 / 126.7
	H2	48 / 122	48 / 121.9
Width (in / cm)	W1	16.7 / 42.4	16.7 / 42.4
	W2	21.8 / 55.4	21.8 / 55.4
Depth (in / cm)		10.1 / 25.7	10.1 / 25.7
Weight (lb / kg)		50 / 22.7	55 / 24.9



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