GENERAC®

Automatic
Transfer Switches

Prewired Loadcenter Automatic Transfer Switch

50 - 100 Amps, Single Phase

Model: RXG10EZA1W
50 Amp, 10 Circuit Switch
RXG16EZA1W
100 Amp, 16 Circuit Switch

Model RXG10EZA1W

*Assembled in the USA using domestic and foreign parts

Description

The Generac pre-wired switch is designed to operate with 8-24 kW air-cooled generators. This transfer switch has an integrated load center for picking up the emergency circuits. It is especially useful where the main service is large and only a portion of the building load will be served by the generator. It is available with a built-in 10 or 16 circuit load center to supply only those circuits that are essential during an emergency. All standard and load center transfer switches are cETLus Listed and suitable for use in optional standby systems (NEC702).

Standard Features

All pre-wired switches are housed in a steel NEMA 1 enclosure, with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is a UL recognized device, designed for years of service. These switches feature a two foot whip for connecting the transfer switch to the home's main distribution panel. The controller at the generator handles all the timing, sensing and exercising functions. Multi listed for use with 1" standard, tandem, GFCI and AFCI breakers from Siemens, Murray, Eaton, and Square D for the most flexible and cost effective install.

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Functions

All timing and sensing functions originate in the generator controller.

Utility Voltage Drop-out	<65%
Timer to Generator Start	5 Second Factory Set, Adjustable Between 2 - 1,500 Seconds by a Qualified Dealer*
Engine Warmup Delay	5 Seconds
Standby Voltage Sensor	65% 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 not Energized.	

* When used in conjunction with units utilizing Evolution™ controls

Specifications

Model	**RXG10EZA1W**	**RXG16EZA1W**
Amps	50	100
Voltage	120/240, 1ø	120/240, 1ø
Circuits, 50A, 240V	-	1
30A, 240V	1	-
20A, 240V	1	1
15A, 120V	3	5
Phase	1	
Rated AC Frequency	60 Hz	
Enclosure Material	Steel	
Enclosure Type	NEMA 1	
Compliance	ETL	
Withstand rating (amps)	10,000	
Lug range	1/0 - #14	
Load transition type (automatic)	Open transition	

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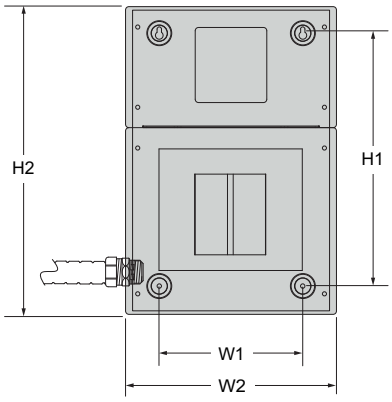
Dimensions, Weight, and Wire Ranges

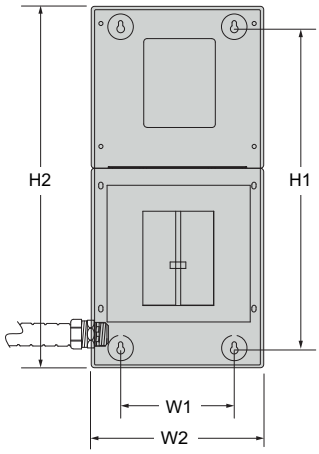
Mechanical Dimensions							
Amps	Height			Width			Depth
	H1	H2	H3	W2	W2	W3	
50*	18.5 in	22.5 in	22 in	10.5 in	15.4 in	14.4 in	3.8 in
	470 mm	571.8 mm	558.8 mm	266.7 mm	392 mm	366 mm	97.5 mm
100	23.5 in	26.4 in	N/A	8.3 in	12.6 in	N/A	6.3 in
	597 mm	671.7 mm	N/A	211 mm	320.7 mm	N/A	159.6

* Note: The 50 Amp switch is flush mountable. H1 and W1 refer to mounting hole spacing. H2 and W2 are cover dimensions. H3 and W3 (not shown in diagram) are the enclosure dimensions without cover.

Wire Ranges			
Amps	Conductor Lug	Neutral Lug	Ground Lug
50	1/0 - #4	2/0 - #14	2/0 - #14
100	2/0 - #14	2/0 - #14	2/0 - #14



50 Amp Switch



100 Amp Switch