**Pre-Wired Switch** 



# **Pre-Wired Automatic Transfer Switch**

with Built-In Load Center



# 240 VAC, NEMA 1

Model RXG10EZA1 - 50 Amp, 10 Circuit Switch Model RXG16EZA1 - 85 Amp, 16 Circuit Switch





### **DESCRIPTION**

The Generac pre-wired switch is designed to operate with 9-16 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 CUL 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. 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<sup>®</sup>, Eaton<sup>®</sup>, and Square D<sup>®</sup> for the most flexible and cost effective install. \* 16-circuit only

### CONTACTOR RATING

The transfer switch contactor is rated at 240 VAC and is available in a single phase configuration only.





2 of 2

# **GENERAC**

# 50-85 Amps Pre-Wired Switch

### **Functions**

All timing and sensing functions originate in the generator controller.

Utility voltage drop-out	
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	
Utility voltage pickup	>80%
Re-transfer time delay	15 seconds
Engine cool-down timer	60 seconds
Exerciser	
Auxiliary lock out contact	Lock out a single load or annunciate generator transfer status

The transfer switch can be operated manually without power applied.

### **Specifications**

Model	RXG10EZA1 RXG16EZA1		
Voltage	120/240, 1ø 120/240, 1ø		
Amps	50 85		
Circuits, 50A, 240V	- 1		
40A, 240V	-	1	
30A, 240V	1 –		
20A, 240V	1	1	
20A, 120V	3	5	
15A, 120V	3	5	
Phase	1		
Rated AC Frequency	60 Hz		
Enclosure Material	Steel		
Enclosure Type	NEMA 1		
Withstand Rating (Amps)	10,000		
Lug Range	1/0 - #14		
Load Transition Type	Open Transition		
30' Whip Conductor Gauges (Hot, Neutral, Ground, Control)	8, 8, 10, 18 6, 6, 8, 18		
Tandem Breaker Capabilities	None	8 Tandems	

#### **Features**

- Electrically operated, mechanically-held contacts for fast, positive connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 2 pole, 240 VAC contactors.
- 30 millisecond transfer time.

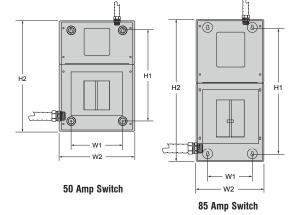
- Dual coil (85A) and single coil (50A) designs.
- · Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA 1 (indoor rated) enclosure is standard.
- 5 Year Limited Warranty.

## **Dimensions and Wire Ranges**

Dimensions	•					
Amps		Height		Width		
H1	H2	Н3	W1	W2	W3	Depth
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	392 mm	366 mm	97.5 mm
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 mm
	H1 18.5 in. 470 mm 23.5 in.	Height H1 H2 18.5 in. 22.5 in. 470 mm 571.8 mm 23.5 in. 26.4 in.	Height H1 H2 H3 18.5 in. 22.5 in. 22 in. 470 mm 571.8 mm 558.8 mm 23.5 in. 26.4 in. N/A	Height           H1         H2         H3         W1           18.5 in.         22.5 in.         22 in.         10.5 in.           470 mm         571.8 mm         558.8 mm         266.7           23.5 in.         26.4 in.         N/A         8.3 in.	Height         Width           H1         H2         H3         W1         W2           18.5 in.         22.5 in.         22 in.         10.5 in.         15.4 in.           470 mm         571.8 mm         558.8 mm         266.7         392 mm           23.5 in.         26.4 in.         N/A         8.3 in.         12.6 in.	Height         Width           H1         H2         H3         W1         W2         W3           18.5 in.         22.5 in.         22 in.         10.5 in.         15.4 in.         14.4 in.           470 mm         571.8 mm         558.8 mm         266.7         392 mm         366 mm           23.5 in.         26.4 in.         N/A         8.3 in.         12.6 in.         N/A

\*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 - #14	2/0 - #14	2/0 - #14
85	2/0 - #14	2/0 - #14	2/0 - #14





<sup>\*</sup>When used in conjunction with units utilizing Evolution™ controls \*\*Adjustable via the controller