

## Limited Circuit Switch

## Limited Circuit Automatic Transfer Switch

100 Amp, Single Phase,  
16 Circuit, NEMA 3R



## DESCRIPTION

This Generac automatic transfer switch is designed to operate with air-cooled generators. This transfer switch has an integrated load center to allow for essential circuit back up. It is especially useful where the main service is large, and only a portion of the building will be served by the generator, or when the main electrical breaker panel is located outdoors. It comes standard with a 16 circuit breaker panel that can be populated with the appropriate sized breakers needed for any application. It is UL/CUL listed and suitable for use in optional standby systems (NEC702). This switch is listed for use with Siemens, Eaton, or Square D one inch breakers. The bottom four breaker spaces will accommodate tandem breakers, making the panel expandable to 24 circuits.

## STANDARD FEATURES

This automatic transfer switch is housed in an all weather, aluminum NEMA 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 on the generator handles all of the timing, sensing and exercise functions. Multi listed for use with 1" standard, tandem, GFCI and AFCI breakers from Siemens, Eaton and Square D for the most flexible and cost effective install.

## CONTACTOR RATING

The automatic transfer switch contactor is rated at 250 VAC and is available in a single phase configuration only.

**100 Amp, Single Phase, 16 Circuit**

**Limited Circuit Switches**

**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
Auxiliary lock out contact.....	Lock out a single load or annunciate generator transfer status

The transfer switch can be operated manually without power applied.

\*When used in conjunction with units utilizing Evolution™ controls

**Specifications**

Model	RTG16EZA3
Amps	100
Voltage	120/240, 1Ø
Load Transition Type (Automatic)	Open Transition
Enclosure Type	NEMA 3R
UL Rating	UL/CUL
Withstand Rating (Amps)	10,000
Lug Range	1/0 - #14
UPC Code	696471618792

**Dimensions**

Model		RTG16EZA3
Height (in./mm)	H1	26.75/679.4
	H2	30.1/764.3
Width (in./mm)	W1	10.5/266.7
	W2	13.5/341.8
Depth (in./mm)		6.91/175.4
Weight (lbs./kilos)		39/17.69

