

## Transfer Switches

## Limited Circuit Automatic Transfer Switch

1 of 2

100A 16 Circuit Non-Service Entrance Bundle Switch  
Model: A0009102580

100A 16 Circuit Non-Service Entrance  
Model: G0099470



Image used for illustration purposes only.



## DESCRIPTION

This new series of Generac Automatic Transfer Switches is designed for use with single phase generators which utilize an Evolution™ or Power Zone™ 200 Controller. This transfer switch has an integrated load center to allow for essential circuit backup. 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 space breaker panel that can be populated with the appropriate sized breakers needed for any application. This transfer switch is cETLus listed. 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. This new series of switch includes a fast mount hanging system to simplify and expedite installations.

## STANDARD FEATURES

This automatic transfer switch is housed in an all-weather, aluminum NEMA/UL Type 3R enclosure with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is a cETLus component 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 installation. All switches are covered by a 5 year limited warranty.

## CONTACTOR RATING

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

FUNCTIONS

All timing and sensing functions originate in the generator controller when used in conjunction with units utilizing Evolution™ or Power Zone™ 200 controls. Refer to generator's owner's manual for further details on the listed settings and adjustments.

|                          |                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Utility Voltage Drop-out | Power Zone 200: Adjustable, 75% - 80%<br>Evolution: Adjustable by a Qualified Dealer, 58% - 71%                                                 |
| Timer to Generator Start | 10 Second Factory Set, Adjustable Between 2 - 1,500 Seconds by a Qualified Dealer*                                                              |
| Engine Warmup Delay      | 5 Seconds                                                                                                                                       |
| Standby Voltage Sensor   | 60% for 5 Seconds                                                                                                                               |
| Utility Voltage Pickup   | Power Zone 200: Adjustable, 84% - 89%<br>Evolution: Adjustable by a Qualified Dealer, 79% - 90%                                                 |
| Re-transfer Time Delay   | 15 Seconds                                                                                                                                      |
| Engine Cooldown Timer    | 60 Seconds                                                                                                                                      |
| Exerciser                | Power Zone 200: 5 to 30 Minutes Adjustable, Weekly/<br>Bi-Weekly/Monthly<br>Evolution: 5 to 12 Minutes Adjustable, Weekly/Bi-Weekly/<br>Monthly |

The transfer switch can be operated manually without power applied.

SPECIFICATIONS

|                                  |                              |
|----------------------------------|------------------------------|
| Model                            | G0099470                     |
| Amps                             | 100                          |
| Voltage                          | 120/240, 1Ø                  |
| Load Transition Type (Automatic) | Open Transition              |
| Enclosure Type                   | NEMA/UL Type 3R              |
| Compliance                       | cETLus                       |
| Withstand Rating (Amps)          | 10,000                       |
| Lug Range                        | 2/0 - #14                    |
| Integrated Load Center           | 16 Spaces, Up to 24 Circuits |
| Tandem Breaker Capabilities      | Up to 8 Tandems              |

DIMENSIONS

| Model                             |    | G0099470     |
|-----------------------------------|----|--------------|
| Height (in/<br>mm)                | H1 | 26.8 / 679.4 |
|                                   | H2 | 30.0 / 672.0 |
| Width (in/<br>mm)                 | W1 | 10.5 / 266.7 |
|                                   | W2 | 13.5 / 342.9 |
| Depth (in/mm)                     |    | 6.6 / 167.6  |
| Depth with Fast Mount (in/<br>mm) |    | 6.9 / 175.2  |
| Weight (lbs/kgs)                  |    | 39 / 17.7    |

