50 Hz Automatic Transfer Switches



100A Non-Service Entrance 50Hz
Model: G0099480

200A Non-Service Entrance 50Hz
Model: G0099660

USA ENGINEERED & BUILT*
*Assembled in the USA using domestic and foreign parts

DESCRIPTION

This new series of Generac Automatic Transfer Switches are designed for use with single phase 50 Hz generators which utilize an Evolution™ or Power Zone™ 200 controls. The transfer switches are certified for IEC 60947-6-1, the transfer switch standard, where electronically operated and mechanically held contacts are required for safety. This new series of switch includes a fast mount hanging system to simplify and expedite installations.

STANDARD FEATURES

Service entrance rated Generac Automatic Transfer Switches are housed in an aluminum NEMA/UL Type 3R enclosure, with electrostatically applied and baked powder paint. This enclosure is certified to IEC IP54. The heavy duty Generac contactor is an ETL component recognized device, designed for years of service. The controller at the generator handles all timing, sensing, exercising functions, and transfer commands. All switches are covered by a five year limited warranty.

FEATURES

- Double Throw contactor, certified to the transfer switch standard IEC 60947-6-1 with electrically operated, mechanically held contacts for fast, positive connections.
- Main contacts are silver alloy to resist welding, sticking or pitting.
- 160 millisecond transfer time.
- Limited 5 year warranty.
- High endurance,100% rated for both inductive and resistive loads.
- Arc chutes designed for rapid dividing and arc splitting for faster quenching.
- Double coil design.

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% 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
Utility Voltage Pickup	Power Zone 200: Adjustable, 84% - 89% 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/ Bi-Weekly/Monthly Evolution: 5 to 12 Minutes Adjustable, Weekly/Bi-Weekly/ Monthly

The transfer switch can be operated manually without power applied.

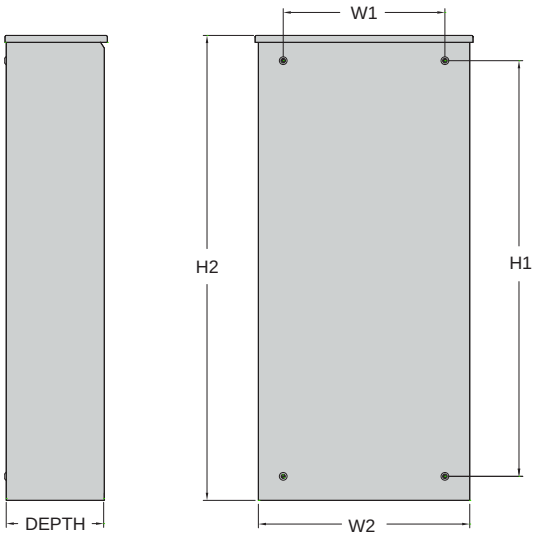
SPECIFICATIONS

Model	G0099480	G0099660
Amps	100	200
Voltage	120/240, 1ø	120/240, 1ø
Load Transition Type (Automatic)	Open Transition	Open Transition
Enclosure Type	NEMA/UL Type 3R	NEMA/UL Type 3R
Withstand Rating (Amps)	10,000	10,000
Lug Range	2/0 - #14	250 MCM - #6

For the 100A rated switch, paralleling the automatic transfer switch is not permitted.

DIMENSIONS

Model		G0099480	G0099660
Height (in/mm)	H1	26.8 / 679.4	26.8 / 679.4
	H2	30.0 / 672.0	30.0 / 672.0
Width (in/mm)	W1	10.5 / 266.7	10.5 / 266.7
	W2	13.5 / 342.9	13.5 / 342.9
Depth (in/mm)		6.3 / 160.1	6.3 / 160.1
Depth with Fast Mount (in/mm)		6.6 / 167	6.6 / 167
Weight (lbs/kg)		27.0 / 12.2	30.0 / 13.6



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