GENERAC®

Transfer Switches

Non-Service Rated Automatic Transfer Switches





400A Non-Service Entrance
Model: G0099670

600A Non-Service Entrance
Model: G0099680

800A Non-Service Entrance
Model: G0099690

G0099670

G0099680 and G0099690

Image used for illustration purposes only.

*Assembled in the USA using domestic and foreign parts

DESCRIPTION

This new series of Generac Non-Service Rated Automatic Transfer Switches is designed for use with single phase generators that utilize an Evolution™, Power Zone™ 200, or Power Zone™ 410 Controller. The 400, 600, and 800 Amp open transition switches are available as single phase, non-service equipment rated configurations.

STANDARD FEATURES

Non-service entrance rated Generac Automatic Transfer Switches are housed in a rugged steel NEMA/UL Type 3R enclosure, with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is an cETLus recognized device, designed for years of service. The controller at the generator handles all the timing, sensing, exercising functions, and transfer commands. All switches are covered by a 5 year limited warranty.

FUNCTIONS

All timing and sensing functions originate in the generator controller when used in conjunction with units utilizing Evolution™, Power Zone™ 200, or Power Zone™ 410 controls. Refer to generator's owner's manual for further details on the listed settings and adjustments.

Utility Voltage Drop-out	Power Zone 200 or Power Zone 410: 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 or Power Zone 410: 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 Power Zone 410: 5 to 60 Minutes Adjustable, Weekly/Bi-Weekly/Monthly Evolution: 5 to 12 Minutes Adjustable, Weekly/Bi-Weekly/Monthly

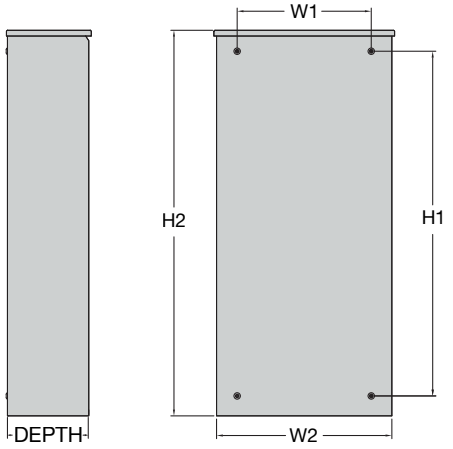
The transfer switch can be operated manually without power applied.

SPECIFICATIONS

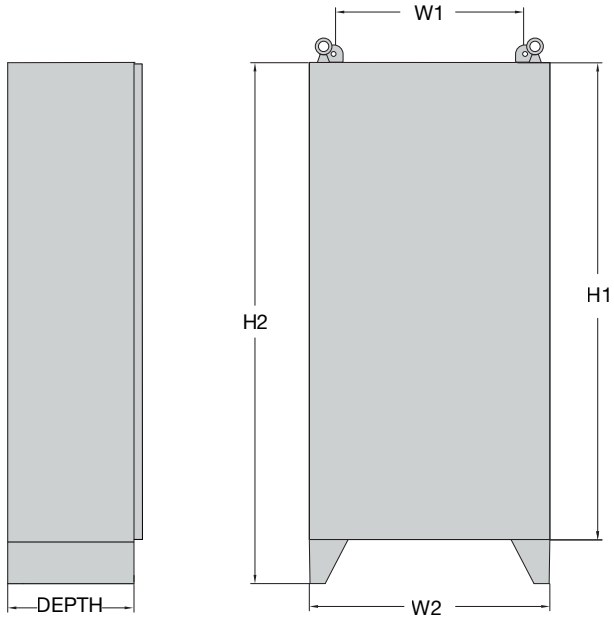
Model	**G0099670**	**G0099680**	**G0099690**
Amps	400	600	800
Voltage	120/240, 1ø	120/240, 1ø	120/240, 1ø
Load Transition Type (Automatic)	Open Transition	Open Transition	Open Transition
Enclosure Type	NEMA/UL Type 3R	NEMA/UL Type 3R	NEMA/UL Type 3R
Certification	cETLus Listed	cETLus Listed	cETLus Listed
Withstand Rating for Specific Circuit Breakers (Amps)	22,000	42,000	65,000
Lug Range	(1) #4-600 MCM (Cu/Al) or (2) 1/0-250 MCM per pole (Cu/Al)	(2) 1/0–500 MCM per pole (Cu/Al)	(4) 4/0–500 MCM per pole (Cu/Al)

DIMENSIONS

Model		G0099670	G0099680	G0099690
Height - in (mm)	H1	31.3 (794.0)	60 (1524)	60 (1524)
	H2	36.1 (917.0)	66 (1676.4)	66 (1676.4)
Width - in (mm)	W1	19.2 (487.0)	30 (761.6)	30 (761.6)
	W2	24.0 (609.6)	36 (914.4)	36 (914.4)
Depth - in (mm)		10.0 (255.5)	21 (534.6)	21 (534.6)
Weight - lbs (kg)		133.0 (60.3)	337.5 (153.1)	337.5 (153.1)



G0099670



G0099780 and G0099790

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