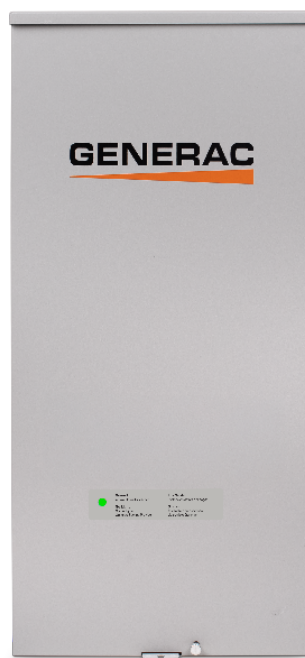


GENERAC®

Transfer Switches

Service Rated and Non-Service Rated Automatic Transfer Switches with Surge Protection Device



Models:

G0099510*

G0099520

G0099530

G0099540

G0099550

RXSW100A3SPD

RXSW100A3

RXSC100A3

*A0007362849 when bundled with Home Standby Generator

*Built in the USA using domestic and foreign parts

DESCRIPTION

This new series of Generac Automatic Transfer Switches is designed for use with single phase generators that utilize an Evolution™ or Power Zone™ 200 Controller. The 100, 150, and 200 Amp open transfer switches are available in single phase, service equipment rated configurations. This series include Generac's whole-house surge protection device (SPD), which is built into the transfer switch.

Generac's integrated whole-house SPD helps protect against damaging surges and transients by blocking them from entering homes or businesses. The SPD has thermally protected metal oxide varistors (MOVs), which help reduce risk of thermal damage. This new series of transfer switch includes a fast mount hanging system to simplify and expedite installations.

STANDARD FEATURES

Service Entrance Rated and Non-Service Entrance Rated Generac Automatic Transfer Switches are housed in an aluminum NEMA Type 3R enclosure, with electrostatically applied and baked powder paint. The Heavy Duty Generac Contactor is an ETL recognized device, designed for years of service. The generator controller handles all timing, sensing, exercising functions, and transfer commands. All transfer switches are covered by a five 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: 75% - 80% (Adjustable) Evolution: 58% - 71% (Adjustable by a Qualified Dealer)
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: 84% - 89% (Adjustable) Evolution: 79% - 90% (Adjustable by a Qualified Dealer)
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	

* When used in conjunction with units utilizing Evolution™ controls

TRANSFER SWITCH SPECIFICATIONS

Model	RXSW100A3SPD	RXSW100A3	RXSC100A3	G0099510	G0099520	G0099530	G0099540	G0099550
Amps	100	100	100	200	200	200	150	150
Voltage	120/240, 1ø	120/240, 1ø	120/240, 1ø	120/240, 1ø	120/240, 1ø	120/240, 1ø	120/240, 1ø	120/240, 1ø
Load Transition Type (Automatic)	Open Transition Service Rated	Open Transition Service Rated	Open Transition	Open Transition Service Rated	Open Transition Service Rated	Open Transition	Open Transition Service Rated	Open Transition Service Rated
Enclosure Type	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R
ETL Rating	ETLus	ETLus	cETLus	ETLus	ETLus	cETLus	ETLus	ETLus
Withstand Rating (Amps)	10,000	10,000	10,000	22,000	22,000	10,000	22,000	22,000
Lug Range	2/0 - #14	2/0 - #14	2/0 - #14	250 MCM - #6	250 MCM - #6	250 MCM - #6	250 MCM - #6	250 MCM - #6
Installer Fast Mount	No	No	No	Yes	Yes	Yes	Yes	Yes

SURGE PROTECTION DEVICE SPECIFICATIONS

Description	Rating
Surge Current Capacity Per Phase	50 kA
Nominal Discharge Current (In)	20 kA
Short Circuit Current Rating (SCCR)	200 kA
SPD Type	Rated Type 1 or Type 2
System Voltages Available	120/240 VAC Single Split-phase
Protection Modes	L-N, L-L
Maximum Continuous Operating Voltage (MCOV)	150 L-N, 300 L-L
Voltage Protection Rating (VPR)	600V L-N, 1000V L-L
Input Power Frequency	50/60 Hz
Enclosure Rating	NEMA 4X
Operating Temperature	-4 °F through 122 °F (-20 °C through 50 °C)
Operating Humidity	5% through 95%, non-condensing
Operating Altitude	Up to 6,500 ft (2,000 m)
Agency Certification and Approvals	UL1449 4th Edition Listed Device
Warranty	5 Years

DIMENSIONS

Model		RXSW100A3SPD / RXSW100A3 / RXSC100A3	G0099510 / G0099520 / G0099530 / G0099540 / G0099550
Height - in (mm)	H1	17.2 (437.9)	26.8 (679.4)
	H2	20.0 (508.0)	30.0 (672.0)
Fast Mount Height - in (mm)	H3	N/A	22.25 (565.15)
Width - in (mm)	W1	12.5 (317.5)	10.5 (266.7)
	W2	14.6 (370.8)	13.5 (342.9)
Depth - in (mm)		7.1 (180.1)	6.5 (165.1)
Weight - lbs (kg)		22.5 (10.2)	39.0 (17.7)

