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RXSW100A3 100A 120/240 1PH NEMA3R SERVICE RATED SMART SWITCH

GENERAC POWER SYSTEMS INC

Catalog Number	RXSW100A3
Manufacturer	GENERAC POWER SYSTEMS INC
Description	This 100 amp automatic transfer switch is used for transferring electrical load from a utility (normal) power source to a generator (standby) power source. Transfer of electrical loads occurs automatically when the utility power source has failed or is substantially reduced and the generator source voltage and frequency have reached an acceptable level. The transfer switch prevents electrical feedback between two different power sources (such as the utility and generator sources) and, for that reason, code
Weight per unit	20.0 (lbs/each)
Product Category	Distribution Equipment

Features

Maximum Wattage	16000

Descriptions

Description	100A 120/240 1PH NEMA3R SERVICE RATED SMART SWITCH
Features	RXSW100A3 - Smart Switch 100 Amp Service Rated 120/240 1Ø NEMA 3R
Long Description	This 100 amp automatic transfer switch is used for transferring electrical load from a utility (normal) power source to a generator (standby) power source. Transfer of electrical loads occurs automatically when the utility power source has failed or is substantially reduced and the generator source voltage and frequency have reached an acceptable level. The transfer switch prevents electrical feedback between two different power sources (such as the utility and generator sources) and, for that reason, code
Product Type	Smart Switch 100 Amp Se 1Ø Nema 3R
Short Description	Smart Switch 100 Amp SE 1Ø NEMA 3R
Extra Long Description	GEN RXSW100A3 Smart Switch 100 Amp

Manufacturer Information

Brand	Generac
	Generac Power Systems, Inc.
GTIN	00696471069648
Manufacturers Part Number	RXSW100A3
UPC	955668

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Taxonomies, Classifications, and Categories

Category Description	GENERATOR SYSTEMS

Packaging

Carton	1
Weight Per Each	20.0 (lbs/each)

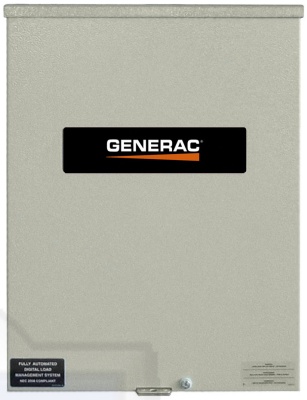
Automatic Transfer Switches

GENERAC®

Service and non-Service rated Automatic Smart Transfer Switches

100 - 400 Amps, Single Phase





c UL us LISTED

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

*CUL only applies to non-service rated switches

Description

Generac Automatic Transfer Switches are designed for use with single phase generators that utilize an Evolution™ or Nexus™ Controller. The 100, 200, and 400 amp open transition switches are available in single phase in both service equipment rated and non-service equipment rated configurations. The 150 and 300 amp open transition switches are only available in a service rated equipment configuration.

Standard Features

Service rated (RXSW) Generac Automatic Transfer Switches are housed in an aluminum NEMA/UL Type 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 at the generator handles all the timing, sensing, exercising functions, and transfer commands. All switches are covered by a 5 year limited warranty.

* Non-service rated (RXSC) switches are housed in a steel enclosure.

DPM Technology

Through the use of digital power technology (DPM), these switches have the capability to manage up to 4 individual HVAC (24 VAC controlled) loads with no additional hardware. When used in tandem with Smart Management Modules, up to 8 more loads can be managed as well, providing the most installation efficient power management options available.

GENERAC® ISO 9001:2008

GENERAC®

100-400 Amps, Single Phase — Automatic Smart Transfer Switches

Functions

All timing and sensing functions originate in the generator controller

Utility voltage drop-out ..... <65%
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 ..... 65% for 5 seconds
Utility voltage pickup ..... >80%
Re-transfer time delay ..... 15 seconds
Engine cool-down timer ..... 60 seconds
Exerciser ..... 5 or 12 minutes adjustable weekly/Bi-weekly/Monthly**

The transfer switch can be operated manually without power applied.

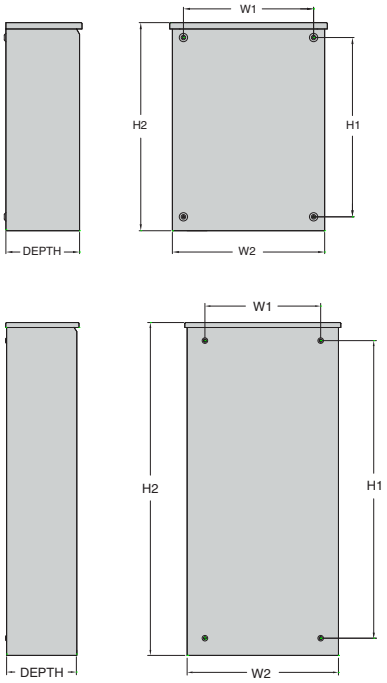
*When used in conjunction with units utilizing Evolution™ controls **Adjustable via the controller

Specifications

Model	RXSC100A3	RXSW100A3	RXSW150A3	RXSC200A3	RXSW200A3	RXSW300A3	RXSC400A3	RXSW400A3
Amps	100	100	150	200	200	300	400	400
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	Open Transition Service Rated	Open Transition Service Rated	Open Transition	Open Transition Service Rated	Open Transition Service Rated	Open Transition	Open Transition Service Rated
Enclosure Type	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R	NEMA/UL 3R
UL Rating	UL/CUL	UL	UL	UL/CUL	UL	UL	UL/CUL	UL
Withstand Rating (Amps)	10,000	10,000	22,000	10,000	22,000	22,000	22,000	22,000
Lug Range	1/0 - #14		250 MCM - #6			600 MCM - #4 or 1/0 - 250 MCM		

Dimensions

Model		RXSC100A3	RXSW100A3	RXSW150A3	RXSC200A3	RXSW200A3	RXSW300A3	RXSC400A3	RXSW400A3
Height (in./mm)	H1	17.24/437.9	17.24/437.9	26.75/679.4	17.24/437.9	26.75/679.4	42.91/1089.9	31.25/793.8	42.91/1089.9
	H2	20/508	20/508	30/762	20/508	30/762	48/1219.2	36/914.4	48/1219.2
Width (in./mm)	W1	12.5/317.5	12.5/317.5	10.5/266.7	12.5/317.5	10.5/266.7	16.69/423.9	19.18/487.2	16.69/423.9
	W2	14.6/370.8	14.6/370.8	13.5/342.9	14.6/370.8	13.5/342.9	21.82/554.2	24/609.6	21.82/554.2
Depth (in./mm)		7.09/180.1	7.09/180.1	6.3/160.1	7.09/180.1	6.3/160.1	10.06/255.5	10.06/255.5	10.06/255.5
Weight (lbs./kilos)		20/9.07	22.5/10.21	39/17.69	20/9.07	39/17.69	140/63.5	133/60.33	140/63.5



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