

Automatic Transfer Switches

50Hz Automatic Transfer Switches

100 - 200 Amps, Single Phase

Model: RTS1100M3

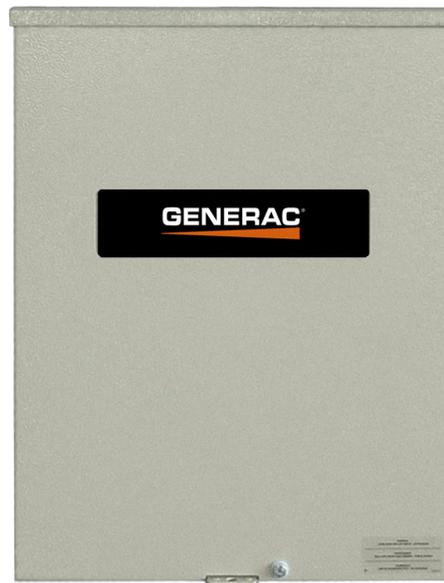
RTS200M3

100 - 400 Amps, Three Phase

Model: RTSN100R3

RTSN200R3

RTSN400R3



*Assembled in the USA using domestic and foreign parts

Description

Generac Transfer switches are designed for use with single phase 50 Hz generators. 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.

Standard Features

Generac Transfer Switches are available with aluminum enclosures. The enclosure is certified to IEC IP54. The Heavy Duty Generac Contactor is ETL recognized. The controller at the generator senses and controls the timing, exercising, and transfer commands.

100 - 400 Amps

50Hz Automatic Transfer Switches

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, interlocked contactor, 100% rated for both inductive and resistive loads.
- Arc chutes designed for rapid dividing and arc splitting for faster quenching.
- Single coil design.

Functions

All timing and sensing functions originate in the generator controller.

Utility Voltage Drop-out	<60%
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	>80%
Re-transfer Time Delay	15 Seconds
Engine Cooldown Timer	60 Seconds
Exerciser	Nexus™: 12 Minutes Weekly 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

Specifications

Model			RTSI100M3	RTSI200M3	RTSN100R3	RTSN200R3	RTSN400R3
Amps			100	200	100	200	400
Voltage			110/220, 1Ø	110/220, 1Ø	220/415, 3Ø	220/415, 3Ø	220/415, 3Ø
Load Transition Type (Automatic)			Open transition				
Enclosure Type			IP54 & NEMA 3R				
Available Symmetrical Amperes RMS	ICM	Amp	10.0 kA	10.0 kA	14.0 kA	25.0 kA	35.0 kA
		Amp	17.7 kA	17.7 kA	28.0 kA	52.8 kA	70.0 kA
	ICW	Amp	16.1 ms	4.8 ms	10.1 ms	9.8 ms	6.1 ms
Lug Range			2/0 - #14	#6 - 250 MCM	2/0 - #6	#4 - 400 MCM	#4 - 600 MCM or 1/0 - 250 MCM

Dimensions

Model		RTSI100M3	RTSI200M3	RTSN100R3	RTSN200R3	RTSN400R3
Height - in (cm)	H1	17.24 (43.8)	17.24 (43.8)	31.3 (79.5)	43 (109.2)	43 (109.2)
	H2	20 (50.8)	20 (50.8)	36.1 (91.7)	48.1 (122.2)	48.1 (122.2)
Width - in (cm)	W1	12.5 (31.8)	12.5 (31.8)	19.2 (48.8)	25 (63.5)	25 (63.5)
	W2	14.6 (37.1)	14.6 (37.1)	24 (60.9)	30.1 (76.5)	30.1 (76.5)
Depth - in (cm)		7.09 (18)	7.09 (18)	10 (25.4)	13.1 (33.3)	13.1 (33.3)
Weight - lbs (kg)		20 (9.07)	20 (9.07)	105 (47.63)	105 (47.63)	133 (60.33)

