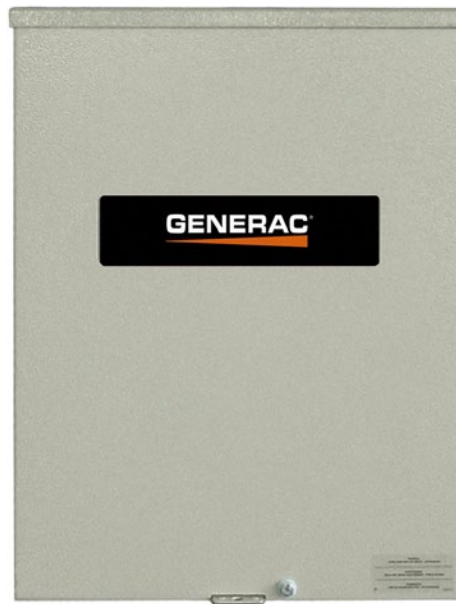


50Hz Transfer Switches

GENERAC®

50Hz Automatic Transfer Switches

100 - 200 Amps, Single Phase
100 - 400 Amps, Three Phase



*Built in the USA using domestic and foreign parts

DESCRIPTION

Generac Transfer switches are designed for use with 50 Hz generators, either single or three phase. 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 for 100 and 200 amp single phase models, and 100 amp three phase models. Three phase 200 and 400 amp Transfer Switches are available with steel housings and patented rhino paint coating, tested at over 1000 hours of salt spray. The enclosure is certified to IEC IP54. The Heavy Duty Generac Contactor is UL recognized under UL1008. The controller at the generator senses and controls the timing, exercising and transfer commands.

GENERAC®



100-200 Amps

50Hz Automatic Transfer Switches

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 2-1500 seconds by a qualified dealer*
Engine warm up delay.....	5 seconds
Standby voltage sensor.....	.60% for 5 seconds
Utility voltage pickup.....	>80%
Re-transfer time delay.....	15 seconds
Engine cool-down timer.....	60 seconds
Exerciser.....	12 minutes every 7 days

The transfer switch can be operated manually without power applied.

*When used in conjunction with units utilizing Evolution™ and Nexus™ controls

Specifications

Model	RTSI100M3	RTSI200M3	RTSN100K3	RTSN200K3	RTSN400K3
Amps	100	200	100	200	400
Voltage	110/220, 1Ø	110/220, 1Ø	231/400, 3Ø	231/400, 3Ø	231/400, 3Ø
Load Transition Type (Automatic)	Open Transition	Open Transition	Open Transition	Open Transition	Open Transition
Enclosure Type	IP54 & NEMA 3R	IP54 & NEMA 3R	IP54 & NEMA 3R	IP54 & NEMA 3R	IP54 & NEMA 3R
Withstand Rating (Amps)	10,000	10,000	14,000	25,000	35,000
Lug Range	2/0 - #14	400 MCM - #4	2/0 - #14	400 MCM - #4	#4 - 600 MCM or 1/0-250 MCM

Features

- Double Throw contactor, certified to the transfer switch standard IEC 60947-6-1 with electrically operated, mechanically held contacts for fast, positive connections.
- High endurance, interlocked contactor, 100% rated for both inductive and resistive loads.
- 160 millisecond transfer time.
- Single coil design.
- Main contacts are silver alloy to resist welding, sticking or pitting.
- Arc chutes designed for rapid dividing and arc splitting for faster quenching.
- Limited 3 Year Warranty.

Dimensions

Model	Height (in./mm)		Width (in./mm)		Depth (in./mm)	Weight (lbs./kilos)
	H1	H2	W1	W2		
RTSI100M3	17.24/437.9	20/508	12.5/317.5	14.6/370.8	7.09/180.1	20/9.07
RTSI200M3	17.24/437.9	20/508	12.5/317.5	14.6/370.8	7.09/180.1	20/9.07
RTSN100K3	31.3/795	36.1/916.9	19.2/487.7	24/609.6	10/254	105/47.63
RTSN200K3	43/1092.2	48.1/1221.7	25/635	30.1/764.5	13.1/332.7	105/47.63
RTSN400K3	43/1092.2	48.1/1221.7	25/635	30.1/764.5	13.1/332.7	133/60.33

