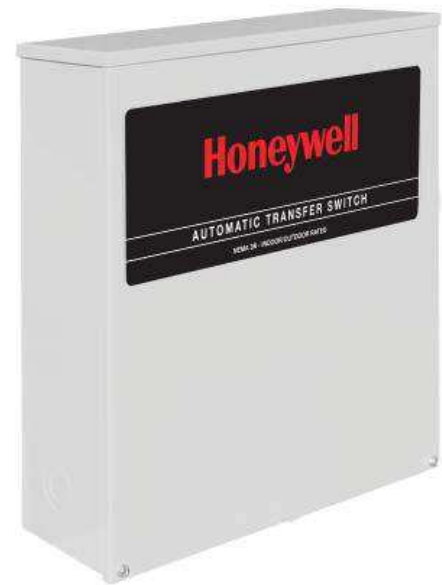


## TRANSFER SWITCHES

# RTS Automatic Transfer Switch

100 - 400 Amps, Three Phase



## FEATURES

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- **All RTS switches** are available in 120/208 3 $\phi$ , 120/240 3 $\phi$ , and 277/480 3 $\phi$ . All switches are open transition.
- **All RTS 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 control at the generator handles all the timing, sensing and exercising functions.

\*400 amp, 277/480 3 $\phi$  enclosure is steel.

## 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 10-30 seconds
• 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

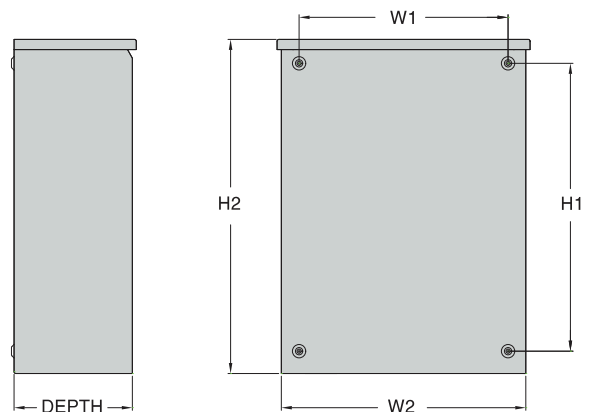
The transfer switch can be operated manually without power applied.

## SPECIFICATIONS

Amps	100					200					400				
Voltage	120/208, 3Ø 120/240, 3Ø 277/480, 3Ø					120/208, 3Ø 120/240, 3Ø 277/480, 3Ø					120/208, 3Ø 120/240, 3Ø 277/480, 3Ø				
Load Transition Type (Automatic)	Open Transition					Open Transition					Open Transition				
Enclosure Type	NEMA 3R					NEMA 3R					NEMA 3R				
Withstand Rating (Amps)	10,000 14,000 14,000					10,000 25,000 25,000					18,000				
Lug Range	2/0 - #14					400 MCM - #4					600 MCM - #4 or 2-250 MCM				
External Dimensions	Height		Width		Depth	Height		Width		Depth	Height		Width		Depth
	H1	H2	W1	W2		H1	H2	W1	W2		H1	H2	W1	W2	
120/208, 3Ø	19.3	24.1	16.9	20.2	7.1	19.3	24.1	16.9	20.2	7.1	31.3	36.1	19.2	24.0	10.0
120/240, 3Ø	19.3	24.1	16.9	20.2	7.1	19.3	24.1	16.9	20.2	7.1	31.3	36.1	19.2	24.0	10.0
277/480, 3Ø	31.3	36.1	19.2	24.0	10.0	43.0	48.1	25.0	30.1	13.1	43.0	48.1	25.0	30.1	13.1
Unit Weight (lbs.)	20					20					133				
	53					53					133				
	105					110					133				

## TRANSFER SWITCH FEATURES

- Electrically operated, mechanically-held contacts for fast, positive connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 160 millisecond transfer time.
- Dual coil design.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA 3R (indoor/outdoor rated) aluminum enclosure is standard.
- Limited Two Year Warranty.



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## TRANSFER SWITCHES

# RTS Automatic Transfer Switch

600 - 800 Amps, 1-phase & 3-phase



## FEATURES

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- **600-800 amp RTS transfer switches** are compatible with the full 22-150kW line of liquid-cooled generators. The switches are open transition and are available in 120/240 1 $\phi$ , 120/208 3 $\phi$ , 120/240 3 $\phi$ , and 277/480 3 $\phi$ .
- **600-800 amp RTS transfer switches** are housed in a steel 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 control at the generator handles all the timing, sensing and exercising functions.

## 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 10-30 seconds
• 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

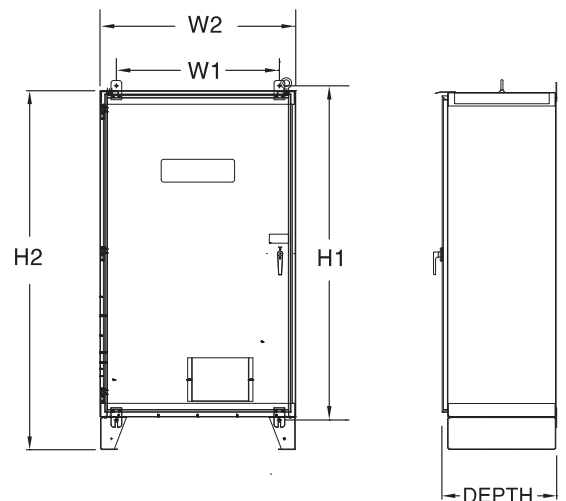
The transfer switch can be operated manually without power applied.

## SPECIFICATIONS

Amps	600					800				
Voltage	120/240, 1Ø 120/208, 3Ø 120/240, 3Ø 277/480, 3Ø					120/240, 1Ø 120/208, 3Ø 120/240, 3Ø 277/480, 3Ø				
Load Transition Type (Automatic)	Open Transition					Open Transition				
Enclosure Type	NEMA 3R					NEMA 3R				
Withstand Rating (Amps)	42,000					65,000				
Lug Range	1/0 - 500 MCM					4/0 - 500 MCM				
External Dimensions	Height		Width		Depth	Height		Width		Depth
	H1	H2	W1	W2		H1	H2	W1	W2	
120/240, 1Ø	61.4	66	30	36	21	61.4	66	30	36	21
120/208, 3Ø	61.4	66	30	36	21	61.4	66	30	36	21
120/240, 3Ø	61.4	66	30	36	21	61.4	66	30	36	21
277/480, 3Ø	61.4	66	30	36	21	61.4	66	30	36	21
Unit Weight (lbs.)	439					469				

## TRANSFER SWITCH FEATURES

- Electrically operated, mechanically-held contacts for fast, positive connections.
- Rated for all classes of load, 100% equipment rated, both inductive and resistive.
- 160 millisecond transfer time.
- Dual coil design.
- Main contacts are silver plated or silver alloy to resist welding and sticking.
- NEMA 3R (indoor/outdoor rated) steel enclosure is standard.
- Limited Two Year Warranty.



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