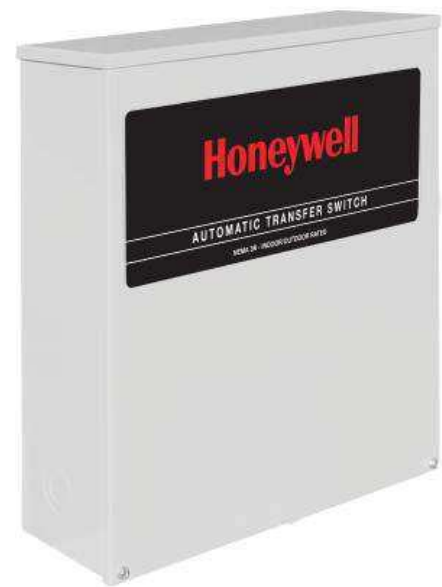


TRANSFER SWITCHES

RTS Automatic Transfer Switch

100 - 400 Amps, Three Phase



FEATURES

- **All RTS switches** are available in 120/208 3 ϕ , 120/240 3 ϕ , and 277/480 3 ϕ . 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 ϕ 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

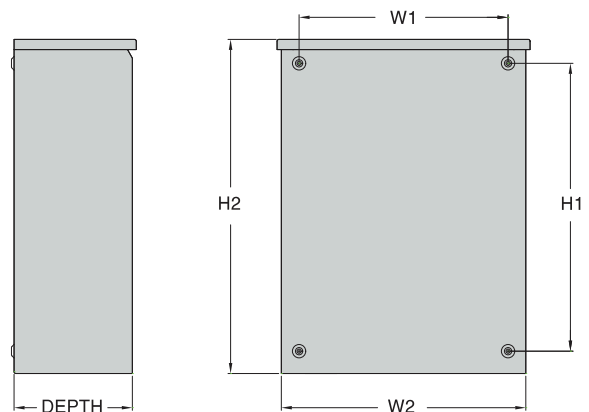
The transfer switch can be operated manually without power applied.

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

- **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 ϕ , 120/208 3 ϕ , 120/240 3 ϕ , and 277/480 3 ϕ .
- **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

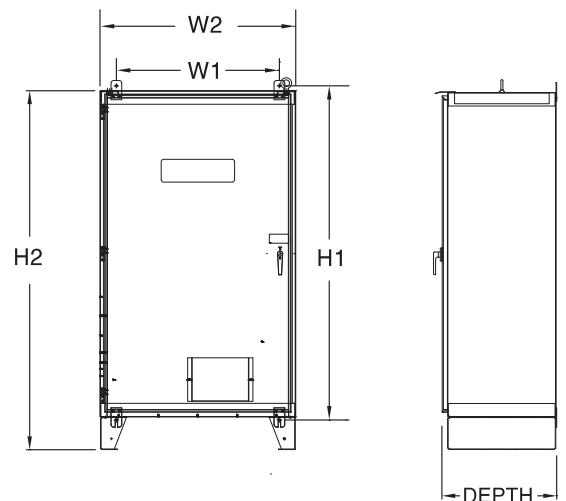
The transfer switch can be operated manually without power applied.

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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