

## RTS Automatic Transfer Switch

100 - 400 Amps, Three Phase

Model Number:

RTSZ100G3, RTSZ100J3, RTSZ100K3, RTSZ200G3, RTSZ200J3,  
RTSZ200K3, RTSZ400G3, RTSZ400J3, RTSZ400K3

### Description

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 Type 3R enclosure\*, with electrostatically applied and baked powder paint. The heavy duty Generac Contactor is an ETL recognized device, designed for years of service. The generator controller handles all the timing, sensing and exercising functions.

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

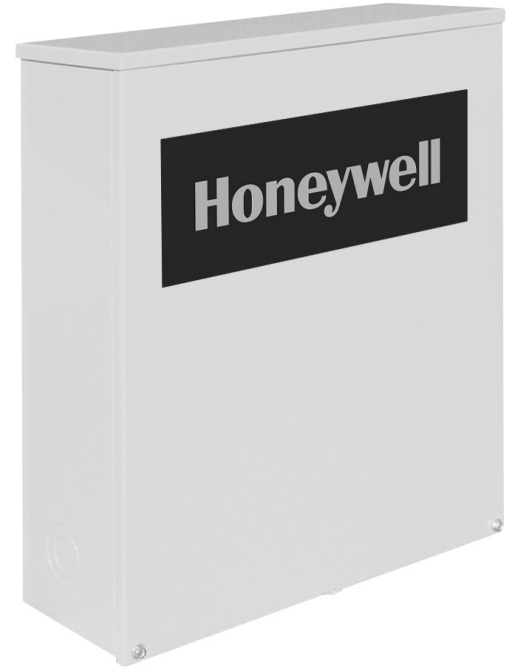


Image used for illustrative purposes only



\*Assembled in the USA using domestic and foreign parts

## FEATURES & BENEFITS

- 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.

# RTS Automatic Transfer Switch Technical Specifications

## 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 pick up:** >80%

**Re-transfer time delay:** 15 seconds

**Engine cool-down timer:** 60 seconds

**Exerciser:** 12 minutes weekly

**The transfer switch can be operated manually without power supplied.**

## SPECIFICATIONS

RTSZ100G3	
AMPS	100
VOLTAGE	120/208, 3Ø
LOAD TRANSITION TYPE (AUTOMATIC)	Open
ENCLOSURE TYPE	NEMA 3R
ETL RATING	cETLus
WITHSTAND RATING (AMPS)	10,000
LUG RANGE	2/0 - #14
UNIT WEIGHT - LBS (KG)	20.0 (9.1)

RTSZ100J3	
AMPS	100
VOLTAGE	120/240, 3Ø
LOAD TRANSITION TYPE (AUTOMATIC)	Open
ENCLOSURE TYPE	NEMA 3R
ETL RATING	cETLus
WITHSTAND RATING (AMPS)	14,000
LUG RANGE	2/0 - #14
UNIT WEIGHT - LBS (KG)	53.0 (24.0)

RTSZ100K3	
AMPS	100
VOLTAGE	277/480, 3Ø
LOAD TRANSITION TYPE (AUTOMATIC)	Open
ENCLOSURE TYPE	NEMA 3R
ETL RATING	cETLus
WITHSTAND RATING (AMPS)	14,000
LUG RANGE	2/0 - #14
UNIT WEIGHT - LBS (KG)	105 (47.6)

RTSZ200G3	
AMPS	200
VOLTAGE	120/208, 3Ø
LOAD TRANSITION TYPE (AUTOMATIC)	Open
ENCLOSURE TYPE	NEMA 3R
ETL RATING	cETLus
WITHSTAND RATING (AMPS)	10,000
LUG RANGE	400 MCM - #4
UNIT WEIGHT - LBS (KG)	20.0 (9.1)

RTSZ200J3	
AMPS	200
VOLTAGE	120/240, 3Ø
LOAD TRANSITION TYPE (AUTOMATIC)	Open
ENCLOSURE TYPE	NEMA 3R
ETL RATING	cETLus
WITHSTAND RATING (AMPS)	25,000
LUG RANGE	400 MCM - #4
UNIT WEIGHT - LBS (KG)	53.0 (24.0)

RTSZ200K3	
AMPS	200
VOLTAGE	277/480, 3Ø
LOAD TRANSITION TYPE (AUTOMATIC)	Open
ENCLOSURE TYPE	NEMA 3R
ETL RATING	cETLus
WITHSTAND RATING (AMPS)	25,000
LUG RANGE	400 MCM - #4
UNIT WEIGHT - LBS (KG)	110.0 (49.9)

RTSZ400G3	
AMPS	400
VOLTAGE	120/208, 3Ø
LOAD TRANSITION TYPE (AUTOMATIC)	Open
ENCLOSURE TYPE	NEMA 3R
ETL RATING	cETLus
WITHSTAND RATING (AMPS)	18,000
LUG RANGE	600 MCM - #4 or 2-250 MCM
UNIT WEIGHT - LBS (KG)	133.0 (60.3)

RTSZ400J3	
AMPS	400
VOLTAGE	120/240, 3Ø
LOAD TRANSITION TYPE (AUTOMATIC)	Open
ENCLOSURE TYPE	NEMA 3R
ETL RATING	cETLus
WITHSTAND RATING (AMPS)	18,000
LUG RANGE	600 MCM - #4 or 2-250 MCM
UNIT WEIGHT - LBS (KG)	133.0 (60.3)

RTSZ400K3	
AMPS	400
VOLTAGE	277/480, 3Ø
LOAD TRANSITION TYPE (AUTOMATIC)	Open
ENCLOSURE TYPE	NEMA 3R
ETL RATING	cETLus
WITHSTAND RATING (AMPS)	18,000
LUG RANGE	600 MCM - #4 or 2-250 MCM
UNIT WEIGHT - LBS (KG)	133.0 (60.3)

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# RTS Automatic Transfer Switch Technical Specifications

## DIMENSIONS

RTSZ100G3					
	HEIGHT		WIDTH		DEPTH
	H1	H2	W1	W2	
In.	19.3	24.1	16.9	20.2	7.1
mm	490.2	612.1	429.3	513.1	180.3

RTSZ100J3					
	HEIGHT		WIDTH		DEPTH
	H1	H2	W1	W2	
In.	19.3	24.1	16.9	20.2	7.1
mm	490.2	612.1	429.3	513.1	180.3

RTSZ100K3					
	HEIGHT		WIDTH		DEPTH
	H1	H2	W1	W2	
In.	31.3	36.1	19.2	24.0	7.1
mm	795.0	916.9	487.7	609.6	180.3

RTSZ200G3					
	HEIGHT		WIDTH		DEPTH
	H1	H2	W1	W2	
In.	19.3	24.1	16.9	20.2	7.1
mm	490.2	612.1	429.3	513.1	180.3

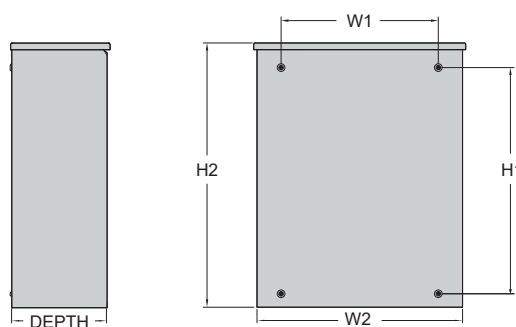
RTSZ200J3					
	HEIGHT		WIDTH		DEPTH
	H1	H2	W1	W2	
In.	19.3	24.1	16.9	20.2	7.1
mm	490.2	612.1	429.3	513.1	180.3

RTSZ200K3					
	HEIGHT		WIDTH		DEPTH
	H1	H2	W1	W2	
In.	43.0	48.1	25.0	30.1	13.1
mm	1,092.2	1,221.7	635.0	764.5	332.7

RTSZ400G3					
	HEIGHT		WIDTH		DEPTH
	H1	H2	W1	W2	
In.	31.3	36.1	19.2	24.0	10.0
mm	795.0	916.9	487.7	609.6	254.0

RTSZ400J3					
	HEIGHT		WIDTH		DEPTH
	H1	H2	W1	W2	
In.	31.3	36.1	19.2	24.0	10.0
mm	795.0	916.9	487.7	609.6	254.0

RTSZ400K3					
	HEIGHT		WIDTH		DEPTH
	H1	H2	W1	W2	
In.	43.0	48.1	25.0	30.1	13.1
mm	1,092.2	1,221.7	635.0	764.5	332.7



\* All measurements are approximate and for estimation purposes only. Specification characteristics may change without notice. Please contact a Honeywell Distributer for detailed installation drawings.

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