

Sync™ Smart Switch

with Load Shedding Capability
Service and Non-Service Rated

400 Amps, Single Phase

Model Numbers:
RTSM400A3, RTSK400A3

Description

Honeywell Sync Switches are designed for use with single phase generators. The 400 amp open transition switch is available in single phase in both service rated and non-service rated configurations.

All Honeywell Sync Switches are housed in an aluminum NEMA Type 3R enclosure*, with electrostatically applied and baked powder paint. The control at the generator handles all the timing, sensing, and exercising functions. The Heavy Duty Honeywell Contactor is an ETL recognized device, designed for years of service.

Load Management Technology — Through the use of the integrated Smart A/C Module (SACM), each switch has the capability to manage up to four individual HVAC (24 VAC controlled) loads with no additional hardware. When used in tandem with the external Smart Management Modules, a total of eight additional loads can be managed, providing the most installation efficient power management options available.

* The 400 amp non-service rated switch is housed in a steel enclosure.

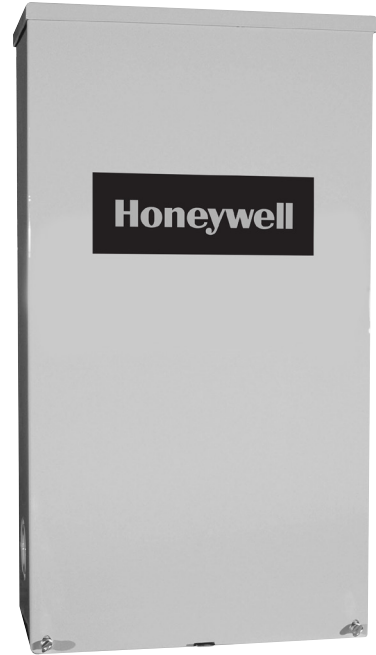


Image used for illustrative purposes only



SE models are US only

FEATURES & BENEFITS

- Corrosion resistant enclosure and components stand up against the elements.
- Color coded connection points for easy generator connection reduce time and improve installation flexibility.
- NEMA 3R enclosure allows for internal or external transfer switch mounting, to increase installation flexibility.
- Automatic transfer switch operation for hands free generator functionality when the utility power falls below acceptable levels.
- 5 year premium limited warranty

Sync Smart Switch Technical Specifications

FUNCTIONS

All timing and sensing functions originate in the generator controller.

Utility voltage drop-out: <65%

Timer to generator start: 5 second factory set, adjustable between 2-1,500 seconds

Engine warm up delay: 5 seconds*

Utility voltage pick up: >80%

Re-transfer time delay: 15 seconds

Engine cool-down timer: 60 seconds*

Exerciser (Sync™): 12 minutes weekly

Exerciser (Sync™ 2.0 and 3.0): 5 to 12 minutes adjustable weekly/bi-weekly/monthly

The transfer switch can be operated manually without power applied.

SPECIFICATIONS

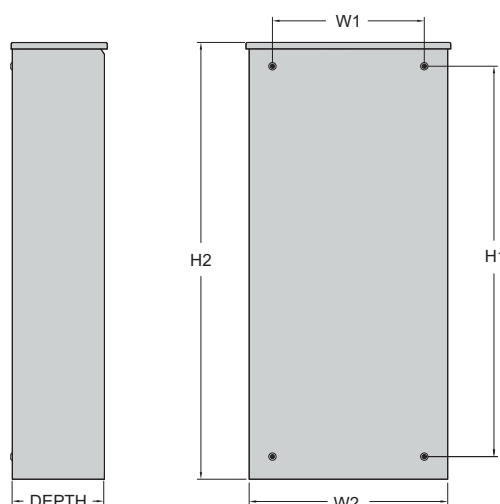
RTSM400A3	
AMPS	400
VOLTAGE	120/240, 1ø
LOAD TRANSITION TYPE (AUTOMATIC)	Open Transition, Service Rated
ENCLOSURE TYPE	NEMA 3R
ETL RATING	ETL
WITHSTAND RATING (AMPS)	22,000
LUG RANGE	600 MCM - #4 or 2-250 MCM
UNIT WEIGHT - LBS (KG)	140 (63.5)

RTSK400A3	
AMPS	400
VOLTAGE	120/240, 1ø
LOAD TRANSITION TYPE (AUTOMATIC)	Open Transition
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 (60.3)

EXTERNAL DIMENSIONS

400 AMPS 120/240, 1ø OPEN TRANSITION					
	HEIGHT		WIDTH		DEPTH
	H1	H2	W1	W2	
In.	42.9	48.0	16.7	21.8	10.0
mm	1,090.0	1,219.3	424.0	554.3	255.5

400 AMPS 120/240, 1ø OPEN TRANSITION SERVICE RATED					
	HEIGHT		WIDTH		DEPTH
	H1	H2	W1	W2	
In.	42.9	48.0	16.7	21.8	10.0
mm	1,090.0	1,219.3	424.0	554.3	255.5



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* 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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Generac Power Systems, Inc.

S45 W29290 Hwy 59
Waukesha, WI. 53189
1.855.GEN.INFO
www.honeywellgenerators.com

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