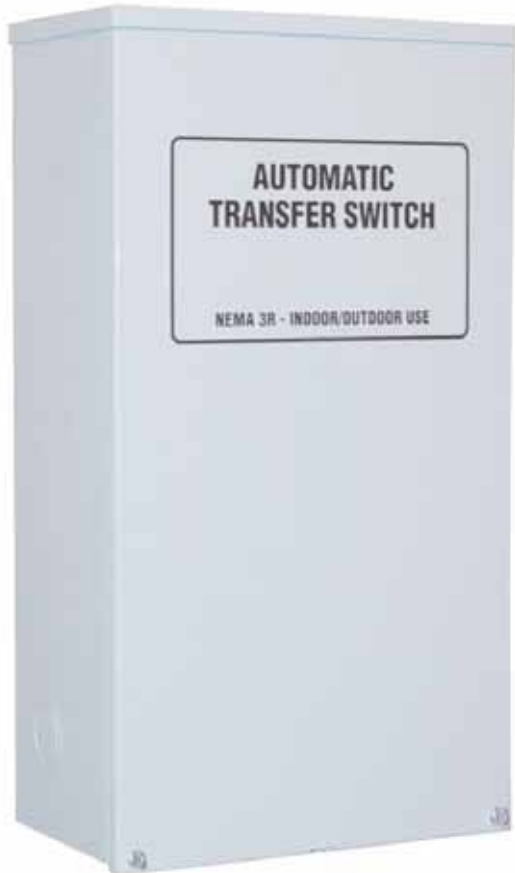


RTS Automatic Transfer Switch

100 - 400 Amps 600 VAC



DESCRIPTION

Generac RTS automatic transfer switches are designed to operate with the Generac R-100 controller used on the 3.0 and 3.9 liter Guardian Elite gaseous generators. The transfer switches are UL 1008 listed for standby operation.

STANDARD FEATURES

The standard 100 - 400 amp transfer switch is housed in a steel NEMA 3R enclosure with electrostatically applied powder paint. The Heavy Duty contactor is a UL recognized device, designed for years of service. The connection between the RTS and the Generator control consists of (4) #14 control wires and a neutral wire. The Service Entrance rated transfer switches have a UL Listed Mainline circuit breaker ahead of the contactor for full downstream protection.



FUNCTIONS

All Timing and sensing functions originate in the R-100 controller

Utility voltage drop-out	<60%
Timer to generator start.....	15 seconds
Engine warm up delay	10 seconds
Standby voltage sensor	90%
Utility voltage pickup.....	>80%
Re-transfer time delay	15 seconds
Engine cool-down timer.....	60 seconds
Exerciser	15 minutes every 7 days

The transfer switch can be operated manually without power applied.

SPECIFICATIONS

Amps	100	100	200	200	400	400
Voltage	120/240, 1 ϕ 120/208, 3 ϕ 277/480, 3 ϕ	120/240, 1 ϕ	120/240, 1 ϕ 120/208, 3 ϕ 277/480, 3 ϕ	120/240, 1 ϕ	120/240, 1 ϕ 120/208, 3 ϕ	277/480, 3 ϕ
Load Transition Type (Automatic)	Open Transition	Open Transition Ser. Ent. Rated	Open Transition	Open Transition Ser. Ent. Rated	Open Transition	Open Transition
Enclosure Type	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R
Express Install Kit Included	No	No	No	No	No	No
Withstand Rating (Amps)	10,000	10,000	10,000	10,000	18,000	18,000
Lug Range	2/0 - #14		400 MCM - #4		600 MCM - #4 or 2-250 MCM	
External Dimensions (H" x W" x D") 120/240, 1 ϕ & 120/208, 3 ϕ 277/480, 3 ϕ	24 x 20 x 7 36 x 24 x 10	24 x 13 x 7	20 x 15 x 7	24 x 13 x 7	36 x 24 x 10	48 x 30 x 12
Unit Weight (lbs.)	26	42	48	50	95	105

TYPICAL CONNECTION

