



# STANDBY GENERATOR ACCESSORIES

## Automatic Transfer Switch

100 - 400 Amps 600 VAC



100 – 400 Amp RTS NEMA 3R

### DESCRIPTION

Automatic transfer switches are designed to operate with the digital control used on air-cooled and liquid-cooled gaseous generators from 8 kW through 60 kW. It is available as a stand-alone switch or with a built in 16-circuit load center to supply only those circuits that are essential during an emergency. All standard and load center transfer switches are UL and CUL Listed and suitable for use as optional standby systems (NEC702).

### STANDARD FEATURES

All transfer switches are housed in a steel NEMA 1 or aluminum NEMA 3R enclosure, with electrostatically applied and baked powder paint. The control at the generator handles all the timing, sensing and exercising functions.



### 100 AMP TRANSFER SWITCH

This 100 amp Transfer switch has an integrated load center for picking up the emergency circuits. It is especially useful where the main service is large and only a portion of the building load will be served by the generator. Internal point to point wiring for the generator connection and the 16 circuits and circuit breakers from the main distribution point are included.

### SERVICE ENTRANCE RATED SWITCH

The Service Entrance Rated Transfer Switches are available in 100 and 200 amp ratings in single phase applications. The switches are UL 1008 listed with 100 or 200 amp UL rated Circuit Breakers on both the Utility and Generator side of the transfer contactor for full downstream protection. The enclosure is rated for NEMA 3R installation and is fully protected from the elements.

# FUNCTIONS

All Timing and sensing functions originate in the 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

Model	KGATX0216100	KGATX0201100	KGATD0501100	KGATX0201200	KGATD0501200	KGATX0101400
Amps	100	100	100	200	200	400
Voltage	120/240, 1 $\phi$	120/240, 1 $\phi$	120/240, 1 $\phi$	120/240, 1 $\phi$	120/240, 1 $\phi$	120/240, 1 $\phi$
Load Transition Type (Automatic)	Open Transition 16 Cir. Load Center	Open Transition	Open Transition Ser. Ent. Rated	Open Transition	Open Transition Ser. Ent. Rated	Open Transition
Enclosure Type	NEMA 1	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R	NEMA 3R
Express Install Kit Included	Yes	No	No	No	No	No
Withstand Rating (Amps)	10,000	10,000	10,000	10,000	10,000	18,000
Lug Range	2/0 - #14			400 MCM - #4		600 MCM - #4 or 2-250 MCM
External Dimensions (H" x W" x D")	27 x 13 x 7	20 x 15.2 x 7.3	21 x 16 x 8	20 x 15.2 x 7.3	32 x 14 x 9	36.1 x 24.38 x 10.2
Unit Weight (lbs.)	30	26	42	48	50	95