

POWERTRON[®]

AUTOMATIC TRANSFER SWITCH

POWERTRON AUTOMATIC TRANSFER SWITCH (ATS)

The RONK Automatic Transfer Switch transfers critical loads automatically in the event of a power outage. Constantly monitoring your business' power, the RONK ATS looks for power interruptions or failures caused by an accident or bad weather to instantly switch over to generator power. Leaving your critical machines, devices or appliances operating safely and efficiently.

The RONK ATS comes standard as NEMA 4 steel enclosure. Rated UL 1008 in Optional Standby options from 100A -200A single phase and UL1008 Emergency Power System offered in both single and three-phase, 100A-600A options.

Our user-friendly digital control module monitors the voltage and frequency of incoming AC supply. The controller comes factory set with common trips and time delays. It's easy to change parameters, test and has the option to switch to manual mode if needed.

CONTROL AT YOUR FINGERTIPS

The controller will monitor the voltage and frequency of the incoming AC supply from two different sources, which could be from generator or mains (utility), or a combination of both. The module will monitor S1 (source 1) and in the event of a failure will issue a start command to S2 (source 2). Once S2 is available and producing an output within limits, the module will control the transfer device and switch the load from S1 to S2. Once the S1 supply returns to within limits, the module will command a load return to S1 and shut down S2.

FEATURES

- Comes standard as NEMA 4 aluminum enclosure
- Rated UL 1008 in Optional Standby options from 100A -200A single phase
- Rated UL1008 Emergency Power System in single and three-phase with 100A-600A options
- User-friendly digital controller comes factory set with common trips and time delays.
- Easy to change parameters, test and has the option to switch to manual mode if needed



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100A/200A/400A/600A SPECIFICATIONS

Optional Standby - UL1008						
Part Number	Amperage Rating	Phase	Voltage Rating	Approx. Weight	Approx. Dim. [HxWxD]	UL Type
ATS10012	100	1	240	48 lbs.	24 x 20 x 6	V12
ATS20012	200	1	240	85 lbs.	30 x 24 x 6	V22

Emergency - UL1008						
Part Number	Amperage Rating	Phase	Voltage Rating	Approx. Weight	Approx. Dim. [HxWxD]	UL Type
ATS10032	100	3	240	49 lbs.	24 x 20 x 6	V13
ATS20032	200	3	240	86 lbs.	30 x 24 x 6	V23
ATS40012	400	1	240	181 lbs.	48 x 30 x 10	W04
ATS40014	400	1	480	203 lbs.	48 x 30 x 10	W04
ATS40032	400	3	240	188 lbs.	48 x 30 x 10	W04
ATS40034	400	3	480	210 lbs.	48 x 30 x 10	W04
ATS60012	600	1	240	410 lbs.	60 x 36 x 24	N06
ATS60014	600	1	480	432 lbs.	60 x 36 x 24	N06
ATS60032	600	3	240	428 lbs.	60 x 36 x 24	N06
ATS60034	600	3	280	450 lbs.	60 x 36 x 24	N06

All switches are provided from factory with a solid neutral.

WIRE SIZING & TORQUE

Model	Line, Load, Auxiliary		Neutral		Ground	
100	10 - 12 AWG	35 in-lb	300 MCM - 6 AWG	160 in-lb	10 - 14 AWG	35 in-lb
	8 AWG	40 in-lb			8 AWG	40 in-lb
	4 - 6 AWG	45 in-lb			4 - 6 AWG	45 in-lb
	1/0 - 2 AWG	50 in-lb			2 AWG	50 in-lb
200	250 MCM - 1/0 AWG	275 in-lb	300 MCM - 6 AWG	160 in-lb	10 - 14 AWG	35 in-lb
					8 AWG	40 in-lb
					4 - 6 AWG	45 in-lb
					2 AWG	50 in-lb
400	(1) 600 MCM - 4 AWG or (2) 250 MCM - 1/0 AWG	500 in-lb	(1) 600 MCM - 4 AWG or (2) 250 MCM - 1/0 AWG	310 in-lb	1/0 - 14 AWG	120 in-lb
600	600 MCM - 2 AWG	500 in-lb	600 MCM - 2 AWG	500 in-lb	250 MCM - 6 AWG	275 in-lb

CU9AL Conductor insulation shall be rated for 90°C.

Conductor sizing shall be based on ampacity ratings at 75°C.

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