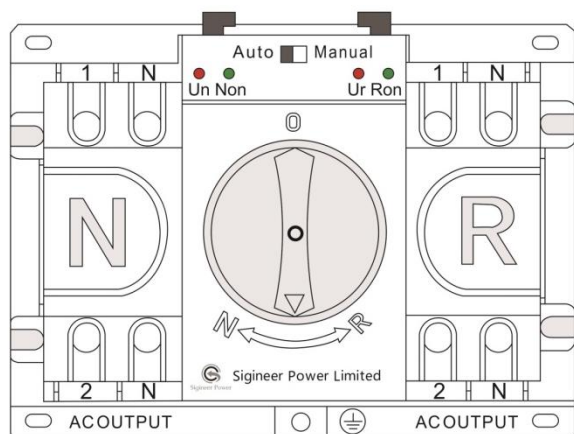


Automatic Transfer Switch Equipment User's Manual



The automatic transfer switch equipment guarantees a reliable supply of power from 2 different AC power sources.

Fed by two independent power sources of “normal source N” and a “replacement source R”, the transfer switch detects power failure in the preferred side and transfers to an alternate input source automatically with a short interruption of power.

The replacement source R is used to supply the loads when the normal source is unavailable.

The automatic transfer can also be defeated for manual switch.

Press the button to “Auto”, the switch will switch between “normal source N” and “replacement source R” automatically.

Press the button to “Manual”, then you have to rotate the direction of the red switch manually to choose the preferred power source.

This access to dual independent power sources offers unmatched reliability, availability and service ability.

The automatic transfer switch conforms to IEC60947-6-1.

Rated: voltage 120Vac/240Vac (Single Phase & Split Phase)/208Vac 380Vac (Three Phase) 50/60HZ

Max current: 63 Amp.

Power will be interrupted when transfer from one source to the other

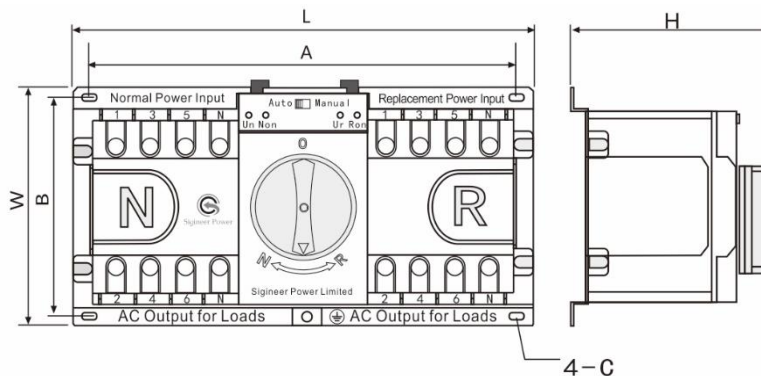
Automatic Switch time from N to R: < 800ms

Conditions for operation and installation:

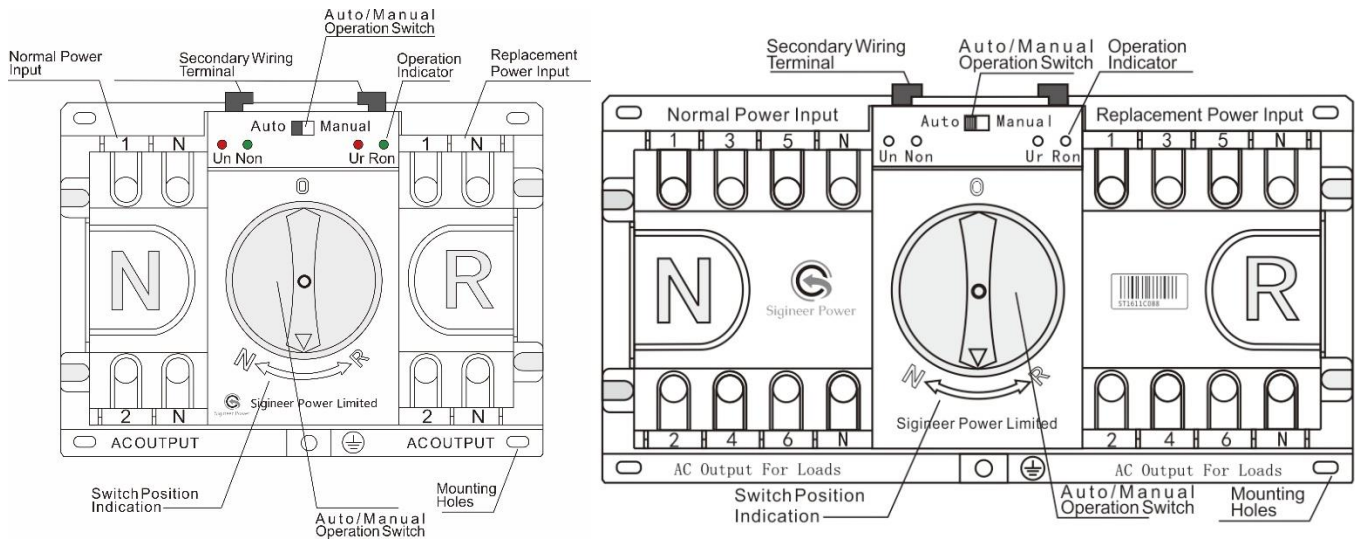
Environmental Temperature Condition: -5~+40°C

Installation site is not more than 2000 meters above sea level.

Models & Dimensions

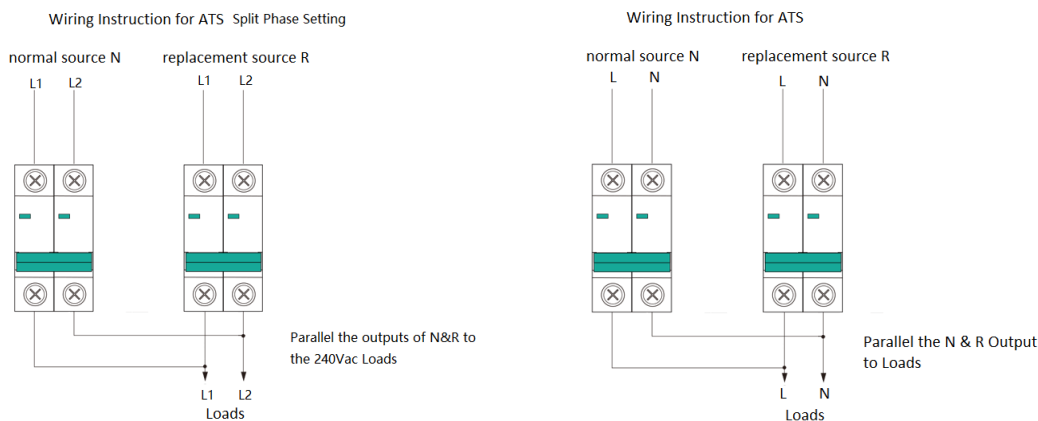


Model #	Power	L	W	H	A	B	C
ATS120V63A	63A@ 120Vac	173mm /6.81"	130mm /5.11"	120mm /4.72"	156mm /6.14"	117mm /4.60"	5*10mm /0.2*0.4"
ATS240V63A	63A@ 240Vac	173mm /6.81"	130mm /5.11"	120mm /4.72"	156mm /6.14"	117mm /4.60"	5*10mm /0.2*0.4"
ATS208V63A/4P	63A @ 208Vac three phase	245mm /9.65"	130mm /5.11"	120mm /4.72"	228mm /9"	117mm /4.60"	5*10mm /0.2*0.4"
ATS380V63A/4P	63A @ 380Vac three phase	245mm /9.65"	130mm /5.11"	120mm /4.72"	228mm /9"	117mm /4.60"	5*10mm /0.2*0.4"



Indicator Operation Explanation	
Un Constant On	Normal Power OK
Non Constant On	Normal Power in Operation
Rn Constant On	Replacement Power OK
Ron Constant On	Replacement Power in Operation

Wiring Instruction for ATS240V63A



Note: The ATS can be optionally built to activate fire alarm devices with its secondary terminals. Pls specify when order.

WARNING

The Switch Closing Terminals output 220Vac for external indicators. Don't input any AC power !

If the ATS is not built with fire alarm feature, the 4, 5, 6 green terminals at right are nonoperational.

① Replacement Power On Indicator(Hot Line)	Unused Terminal ④
② Normal Power On Indicator (Hot Line)	-24Vdc Fire Alarm Control ⑤
③ Common Neutral	+24Vdc Fire Alarm Control ⑥

Pls contact us if you have any questions:

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