

Manual/Automatic Transfer Switch MATS002R, MATS004R

Alphapower



The MATS002R is a dependable power transfer and bypass switch. It ensures continuous power to equipment and eliminates operation downtime.

The MATS002R switches load to mains supply in the case of UPS output fault and also permits manual bypass of the UPS to facilitate servicing. It is available in 230VAC and 110VAC and contains relay contacts for status monitoring rated at 5A.

Some key features include:

- Heavy duty design for rugged conditions
- Fail safe operation
- Continuous power to equipment
- Eliminates operation downtime
- Switch load to mains power in case of UPS fault
- Available in 230V_{AC} and 110V_{AC}
- Mains terminal 16mm, alarm terminal 4mm
- Alarm contacts for status monitoring



Product Specifications

Model	MATS002R	MATS004R
Capacity	230VAC / 110VAC	
Relay Contact Rating	5A	
Max. Single Phase Load	60A (AC1)	125A (AC1)
Mains Terminals	16mm	25mm
Alarm Terminals	4mm	
Weight	6 kg	7.5 kg
Dimensions (W x D x H)	470 x 380 x 132 mm	470 x 430 x 132 mm

Installation and Operation



Before commencement of wiring, ensure the BYPASS and UPS supplies are switched OFF and isolated.

1. Connect the output of the UPS to the terminals marked **UPS IN**
2. Connect a BYPASS source to the terminals marked **BYPASS IN**
3. Connect load to terminals marked **OUTPUT**
4. Alarm or status monitoring can be connected to the terminals marked **ALARM** (normally open or normally closed). These are the voltage free contacts
5. Position selector switch to UPS position
6. UPS and BYPASS sources can now be energised

For normal operation (load powered by UPS) selector switch must in the UPS position. To power the load with the bypass source, rotate the selector switch to BYPASS.



The LEDs in the front panel indicate the current source to the load, not the status of the selector switch. In the case of UPS failure, the BYPASS indicator will illuminate even though UPS is selected.