

MULTI-SWITCH

dual redundant switches



Multi-Switch automatically selects between AC power sources to keep critical computer and telecom type loads running. Should one of the AC sources fail or fluctuate wildly the other automatically powers the loads. The two AC power sources can be mains supplies or UPS or a combination of the two.

PRINCIPLE OF OPERATION

Multi-Switch distributes secure power from multiple sources to multiple loads. The switch monitors the load placed on the distribution outlets and can select between either primary or secondary power sources.

PROTECTION AGAINST POWER FAILURES

Multi-Switch will transfer the loads automatically if one of the power sources falls outside specification or fails completely.

PROTECTION AGAINST LOAD FAULTS

Should one of the loads go short-circuit or be overloaded, Multi-Switch automatically disconnects that load to prevent disruption to the others. Multi-Switch provides protection from both mains and equipment faults.

APPLICATIONS

- e-business
- Data centres
- ISP/ASP
- Local Area Networks (LANs)
- Servers
- Telecoms - Keyphones and PBXs

FEATURES

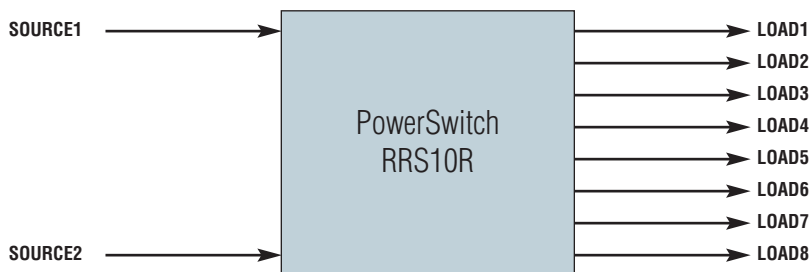
- Load protection from mains failures and load faults
- Choice of ac power sources - 2xmains, 2xUPS or 1xmains and 1xUPS
- 19" rackmount
- Front panel LCD for the display of system measurements, alarms and status (1U model)
- Remote interface
- Independent operation - no signal connection required between Multi-Switch and the powered loads



TECHNICAL DATA

SPECIFICATION	
Input voltage	180-276Vac single-phase, 50/60Hz
Maximum load for each output (A)	3 (10A total)
Maximum load for each input (A)	10
Output voltage	Tracks of one of the two input sources
Operating conditions:	
maximum humidity (non condensing)	0-90%
operating temperature	0-40°C
maximum noise level	<35dBA
Communications interface	serial on DB9 connector
Enclosure protection rating	IP20
Inputs	2 x IEC 320 (10A) C14
Output Sockets	8 x IEC 320 (3A each)
Compliance	CE marking/EN50091-1-1 (safety)/EN50091-2 (EMC) level A/ CEI 74-2/IEC 60950
Colour	dark grey RAL 5004
Protection	overcurrent - overvoltage - undervoltage

PRINCIPLE OF OPERATION



Model No	Power	Dimensions (W x D x H) mm	Weight (Kg)
RRS10R	8 outlets, 3A (10A total)	483 x 150 x 44 (1U)	5

OPTIONS

- See PowerRak PRS Cabinets
- See Software section