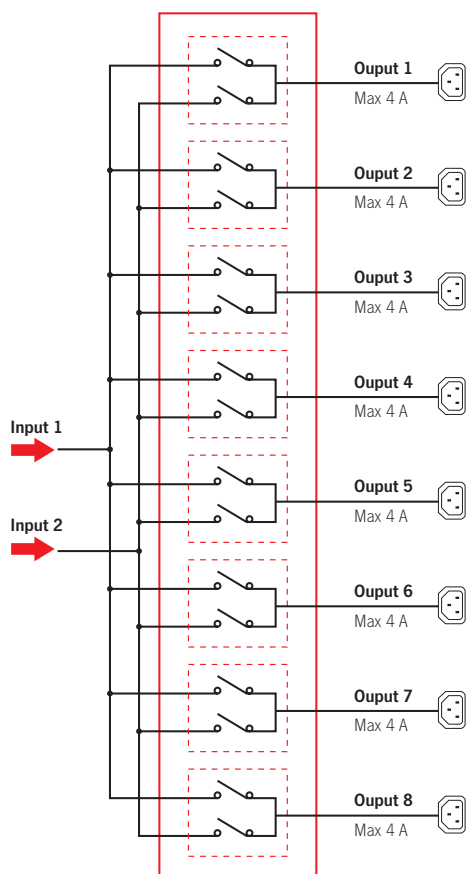




SERVERS

# Multi Switch

Multi Switch



**Multi-SWITCH** improves electrical supply continuity. The principle of operation guarantees a higher reliability level than that achieved using a single UPS (on-line with automatic bypass) or several UPS in parallel.

### PRINCIPLE OF OPERATION

The **Multi-SWITCH** provides electrical distribution and remote management for up to eight network users, powered from two direct mains supplies or UPS or a combination of both.

The **Multi-SWITCH** can connect each user (up to eight, each with a maximum power demand not greater than 4A), to either of the two power sources (1 and 2). Load demand is shown on the LCD. See "principle of operation" diagram.

### PROTECTION AGAINST POWER SUPPLY FAILURES

If one of the two power source fails or falls outside specification, **Multi-SWITCH** will transfer the connected loads to the second power source (switching is instantaneous even if the two sources are not in phase).

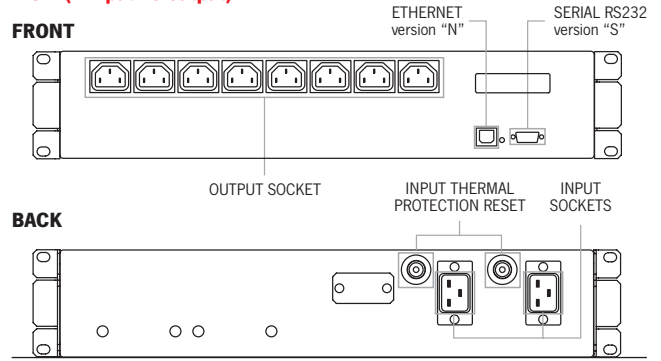
### PROTECTION AGAINST LOAD FAULTS

If a fault occurs with one of the loads (for example due to a short-circuit or overload), **Multi-SWITCH** will disconnect the load to prevent disruption to the others. **Multi-SWITCH** protects sensitive installations from both power and hardware faults.

## CHARACTERISTICS

- Full protection against mains failures and load faults
- Flexible power sources: Multi-SWITCH can be powered from 2 different sources (2 mains supplies, 2 UPS or a combination of both. Note that the UPS can be of a different size)
- Designed for installation in a 19" rack-mount cabinet
- LCD to provide measurements/alerts/status information
- Management software included
- Remote monitoring serial interface
- No signal connection is required between Multi-SWITCH and the power sources or supplied hardware
- Configuration software provided as standard
- Slot-in SNMP network adapter card

## MSW (2 input - 8 output)



## TECHNICAL DETAILS

MODELS	MSW
	8 x 4A output sockets
<b>INPUT</b>	
Input voltage	180 - 276 Vac
Rated frequency	50/60 Hz
Maximum load for each input (A)	16
Input sockets	2 IEC 320 (16A)
<b>OUTPUT</b>	
Output voltage	Selection of one of the two input sources
Maximum load for each output (A)	4
Output sockets	8 IEC 320 10A
<b>ENVIRONMENTAL</b>	
Weight (kg)	10
Dimensions (hwd) (mm)	2U x 19" x 360
Operating temperature	0°C - 40°C
Relative humidity	< 95% non condensing
Protection	Overcurrent - overvoltage - undervoltage - back-feed protection
Safety compliance	EN 62040-1 EMC EN 62040-2 Directives 73/23 - 93/68 - 2004/108 EC EN 62040-3
Maximum altitude	3000 m
Max. altitude (storage conditions)	6000 m; 45 °C
Communication	RS232 in MSW-S / Ethernet in MSW-N
Enclosure protection rating	IP 20
Colour	Dark grey RAL 5004
Noise	< 35 dBA at 1 m

Product characteristics can be customised to meet client specifications.

