

# SWITCH 6

10 Amps per channel - MCB protection

## general specifications

### Description

The Switch 6, 2U rack mounting, switch pack offers one of the most cost effective switching solutions available. Manufactured to the highest professional standards, this comprehensive range of 6 x 10 amp switch packs includes variants with sockets to match most global standards.

### Supplied Accessories

- Operating Instructions.

### Ordering Information

- Switch 6 15A UK DMX : 01-420-11
- Switch 6 Schuko DMX : 01-420-21
- Switch 6 French DMX : 01-420
- Switch 6 Harting DMX : 01-420-41
- Switch 6 Socapex DMX : 01-420-42
- Switch 6 CEE17 DMX : 01-420-61
- Switch 6 Dutch Harting DMX : 01-421-41
- Switch 6 Single Phase Linking Bar : 00-380-00

### Specifications

- Number of channels : 6
- Switch capacity : 10 A max
- Total switch pack capacity: 60 Amps
- Supply Voltage : 230V (+10% -18%). Single Phase (2 wire). Three Phase Star ( 4 wire)
- Supply Frequency : 45 65Hz
- Control Input : DMX512 via 5 Pin XLR fixed male with loop through. (Isolated and Transient protected to 15KV)
- RDM hardware ready
- ChilliNet enabled
- Channel Outlet options:
  - 6 x UK 15 Amp
  - 6 x CEE17
  - 6 x Schuko
  - Single Socapex
  - Single Harting
  - 6 x French
  - Single Dutch Harting
- Memories : 12 static
- User Interface : 7 segment display with navigation keys.
- DMX fail mode : DMX Hold, Switch to Black or Switch to Memory
- Channel Protection: 10A thermal magnetic circuit breaker.
- Cooling: Convection
- Dimensions: 483mm (W) x 88mm (H) x 360mm (D)
- Weight: 8.0kg



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## engineering specifications

### electronics

The Switch unit shall provide 6 channels of switching control, with each channel rated at a maximum of 10A.

The unit shall switch the channel on when the DMX level is greater than 50% and shall switch off when it is less than 50%.

Each channel shall be protected by a 10 A thermal magnetic circuit breaker. The circuit breakers shall have a 6000A breaking capacity.

DMX input shall be via a fixed 5 pin male XLR with a fixed 5 pin DMX loop through connector. The Switch 6 shall accept DMX512-1990. The DMX start address shall be selectable via the user interface. Status indicators on the front panel shall provide information on DMX present, error and termination. DMX termination shall be selectable via the user interface. DMX failure options shall be set from the user interface and will provide for retaining last state, switch to set memory or switch to black.

Switch outlets shall be on the rear panel. A range of socket options shall be provided.

A temperature sensor shall be provided so that the internal temperature of the unit can be monitored via the user interface.

The Switch 6 shall be compliant with ChilliNet protocol.

### electrical

The Switch 6 shall operate on star 3 phase or single phase. Connection shall be via screw terminals. Terminals shall accept a 10mm square cable. A linking bar shall be available for single phase operation.

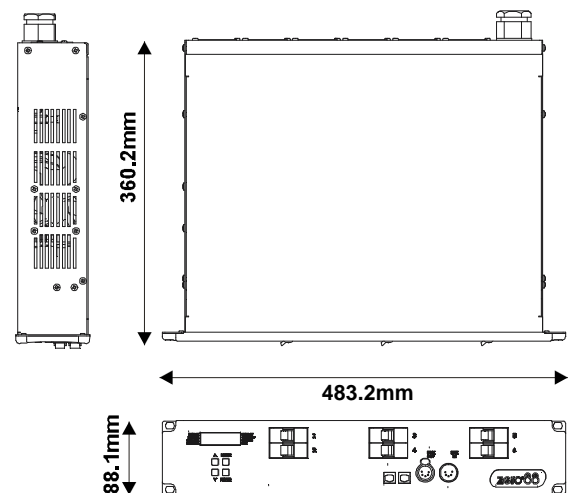
### Mechanical

The Switch 6 shall be suitable for mounting in a standard 19 inch rack. The Switch 6 shall be 483mm wide by 88mm high by 360mm deep. The unit shall be constructed from 0.9mm steel. The unit shall have a removable top cover to facilitate easy access to electronics. The rear panel housing the sockets shall be removable to facilitate servicing. The front panel shall be injection moulded plastic. Legends shall be incorporated in this moulding. The rear panel shall have a knockout for cable entry. All output connections shall be on the rear panel.

All operator interfaces shall be on the front panel of the dimmer. The user interface shall comprise of 3 x 7 segment displays, 8 labelled LEDs and four buttons.

The unit shall be fitted with rack ears to facilitate rack mounting.

The normal operating environment for the dimmer shall be +5 deg to 40 deg Celsius.



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