Chilli Pro Netlink Bridge

SPECIFICATION

GENERAL SPECIFICATIONS

DESCRIPTION

The Chilli Pro dimmer provides exceptional control for DMX applications, but with the addition of our accessories, a host of new applications and system designs become available.

Using our custom-written ChilliNet protocol, the Chilli Pro accessories provide simple and rapid installation tools for system monitoring, environmental lighting control and simple preset lighting systems.

The NetLink Bridge is an accessory to the Chilli range of dimmers that allows multiple individual networks to be combined together and accept "master override"
 commands. A Master Network and up to 6 slave networks can be connected to the unit. The Netlink Bridge allows users to develop sophisticated networks with both individual area control and master override. It is possible to daisy chain NetLink Bridges together to increase the number of slave networks connected to master network to facilitate large installations.

The ChilliNet system uses standard CAT 5 cabling to interconnect units in the system. Units can be daisy chained together up to the maximum network limits.
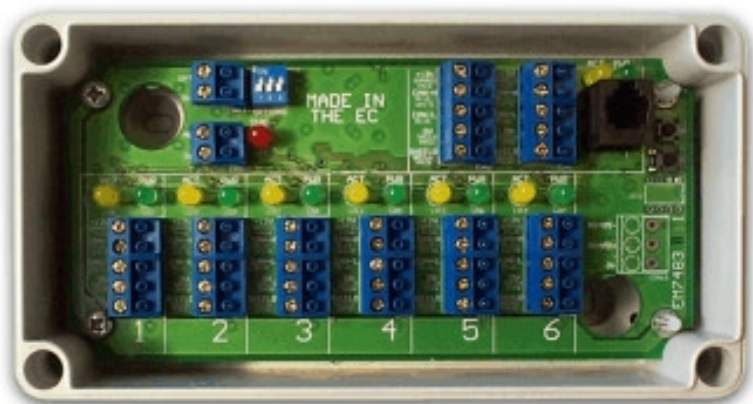
SPECIFICATIONS

- ➤ Maximum Number of Master Networks: 1
- ➤ Maximum Number of Slave Networks: 6
- ➤ Fire Alarm Input: Yes
- ➤ Maximum Cable run: 500m
- ➤ Maximum Devices per network: 50
- ➤ Power Supply: Derived from Network.
- ➤ Dimensions: 180mm (W) x 94mm (H) x 57mm (D)
- ➤ Weight: 0.25Kg

SUPPLIED ACCESSORIES

- ➤ Installation / Operating Instructions
- ➤ 2 fixing screws

ORDERING INFORMATION

- ➤ Chilli Pro Netlink Bridge: 01-210-00

CE Certified

SPECIFICATION

ENGINEERING SPECIFICATIONS

ELECTRONICS

The unit shall allow for the control of six slave lighting control networks by a single master network.

The unit shall feature six yellow LED's, one per slave network, to indicate network activity. Six green LED's, one per slave network, shall indicate the presence of power on the individual networks. A single red LED shall indicate operation mode of the unit or the activation of an Alarm input.

Power and control connections shall be made via 5 way 2 part screw connections. A single connection for each slave network and 2 connections for the master network shall be provided. Power and Data shall be transported by a standard Category 5 Data cable. A daisy chain connection system shall be employed for multi-unit installations.

The unit shall operate using a digital data protocol.

It shall be possible to connect an alarm input to the unit. On activation of the alarm input, an 'alarm on' message will be broadcast to the all the networks connected to the unit and repeated every five seconds until the activation is removed, when an 'alarm off' message will be sent.

No messages received from Slave Networks shall be retransmitted to any of the other connected networks. However the activity LEDs for the Slave Networks shall reflect received data activity on those networks.
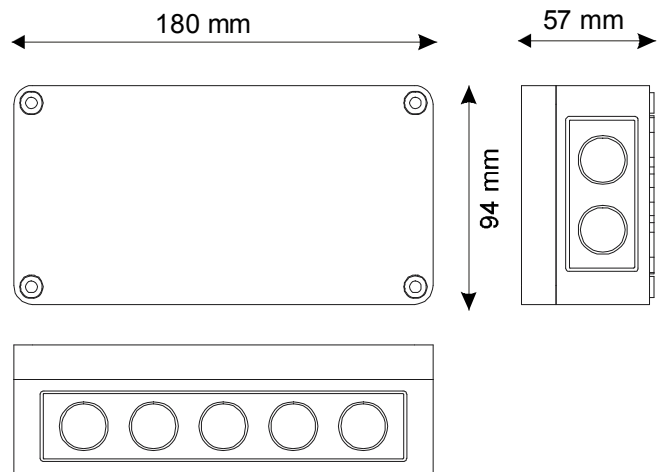
A test mode shall allow for basic diagnostic tests to be carried out.

ELECTRICAL

The Unit shall operate on a low voltage DC supply. This supply shall be derived from the connected dimmer unit. The maximum cable length from the supply source shall be 500 metres.

MECHANICAL

The unit shall be housed in a polystyrene two-part box. The unit shall be no larger than 180mm x 94mm x 57mm and weigh no more than 0.25Kg. 14 knockouts suitable for M16/20 glands shall be provided to facilitate wiring.

180 mm   57 mm

94 mm

zero®88

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