

CHAM-DR-1C

1 Channel Power Data Repeater



Description

The CHAM-DR-1C is a 1 channel high power data repeater. The CHAM-DR-1C offers the ability to expand the signal strength generated by the master controller for dimming circuits. In situation where the load limit is exceeded or more that the limit set by the Master controller the CHAM-DR-1C is able to duplicate the signal without signal loss. This means whether dimming via RF, 0-10V, DALI or DMX you can be assured that the dimming signal will always be stable thus avoiding the appearance of dim light over larger areas. Particularly useful where a single master controller is used to control large areas or multiple zones.



Specification Features

Type of controller:	1CH High Power data repeater
Method of control:	PWM*
Method of dimming:	PWM (Pulse width modulation)
Housing colour:	Black metal colour housing
Housing size (mm):	(L) 150 x (W) 54mm x (H) 31mm
Input voltage (VDC):	12-24VDC
Output voltage (VDC):	12-24VDC
Output current (A):	1x24A
Output wattage (W):	12VDC- 288W (x1) 24VDC- 576W (x1)
Expandable signal:	Yes**
Protection:	Yes, replaceable external 25A blade fuse***
Requires:	Constant voltage 12-24VDC LED driver****

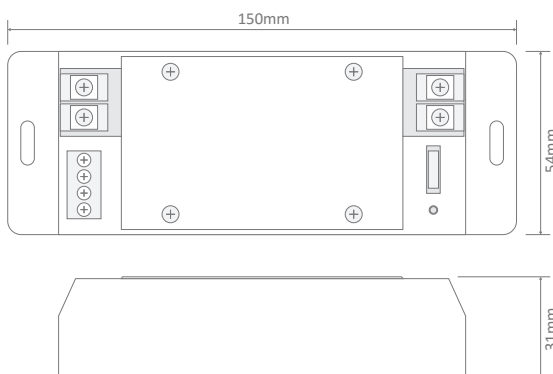
* Accepts signal generated from a Master controller. The signal output from the Master controller must be a PWM type output

** Multiple 1CH data repeaters can be used in a single circuit.

*** Standard replacement blade type fuse. Available from any electronics supplier.

**** Constant voltage LED driver required (not included) product dependant.

Diagrams / Additional



Item No.	Variant	Description
CHA-DR-1C	20134	1CH power data repeater