

CHAM-05 RGBW Data Repeater



RoHS



Description

The CHAMELEON-05 is a 4 channel signal strength data repeater. The CHAMELEON-05 offers the ability to expand the signal strength generated by the master controller. In situation where the load limit is exceeded or more than the limit set by the Master controller the CHAMELEON-05 is able to duplicate the signal without signal loss.

This means whether using RGB, RGBW or single colour when colour changing or dimming the selected user colour will always remain the same. Particularly useful where a single master controller is used to control large areas or multiple zones.



Specification Features

| | |
|-----------------------|---|
| Type of controller: | 4CH Data repeater |
| Method of control: | PWM* |
| Method of dimming: | PWM (Pulse width modulation) |
| Housing colour: | Black plastic colour housing |
| Housing size (mm): | (L) 168 x (W) 58 x (H) 28mm |
| Input voltage (VDC): | 12-24VDC |
| Output voltage (VDC): | 12-24VDC |
| Output current (A): | 4x8A |
| Output wattage (W): | 12VDC-96W per channel. (x4) 24VDC-192W per channel. (x4) |
| Expandable signal: | Yes** |
| 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 4CH data repeaters can be used in a single circuit.

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

Diagrams / Additional



| Item No. | Variant | Description |
|----------|---------|-------------------|
| 20114 | CHAM-05 | 4CH data repeater |