CHAM-04

RGBW 0-10V Dimmable Interface Controller

Dimmable | Replacement 3yr Warranty | Signal Interface 0-10V | IP Rating 20 | Channels 4 | RGBWW | RoHS

Description

The CHAMELEON-04 is an interface designed for 0-10V signals. Designed for use with constant voltage 12-24VDC lighting products the CHAMELEON-04 offers seamless integration between automation systems and luminaires. Accepts standard 0-10V signal generated from any automation system. Featuring 4CH of dimming allowing control over RGB, RGBW or single colour LED lighting products.

For manual dimming control for situations were an automation system is not used a resistive pot can be used. These low voltage 0-10V dimmers are designed to fit into standard HPM or Clipsal switch plates.

Specification Features

Type of interface:	RGBW 4ch controller
Method of control:	0-10V*
Method of dimming:	PWM (Pulse width modulation)
Housing colour:	Black plastic colour housing
Housing size (mm):	(L) 169 x (W) 58 x (H) 28mm
Input 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 automation systems. For applications were 4CH manual adjustments are needed the use of a resistive pot such as the (20303) allows the user to manually adjust the colour. The number of pot required will depend on how many channels are required to dim.*

** *4CH data repeater recommended for run lengths over 5mtrs CHAM-05 (20114) not included. 1CH data repeater recommended for single colour applications CHAM-25 (20134) not included.*

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

Order Code: 20113
Product Code: CHAM-04
Description: 4CH 0-10V interface

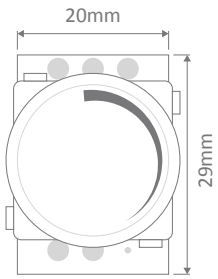
HPM Version

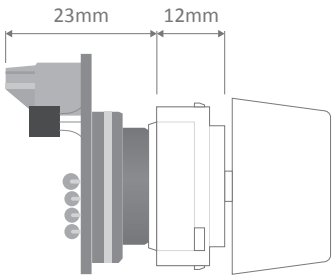
Order Code: 20302
Product Code: DIM-POD-HPM
Description: 0-10V Dimming pod (Not for 240VAC usage)

CLIPSAL Version

Order Code: 20303
Product Code: DIM-POD-CLIP
Description: 0-10V Dimming pod (Not for 240VAC usage)

Diagrams / Additional





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