DOMUS®

CHAM-20
RGBW DMX-512 interface

Dimmable | Replacement 3yr Warranty | VDC 12/24 | IP Rating 20 | DMX 512 | Channels 4 | RGBWW | RoHS

Description

The CHAMELEON-20 is an interface designed to de code DMX-512 signals. Designed for use with constant voltage 12-24VDC lighting products the CHAMELEON-20 offers seamless integration between automation systems and/or lighting desk consoles and luminaires. Accepts standard DMX-512 signal generated from any automation system or lighting control console. Featuring up to 4CH of dimming, allowing control over RGB, RGBW or single colour LED lighting products.

Specification Features

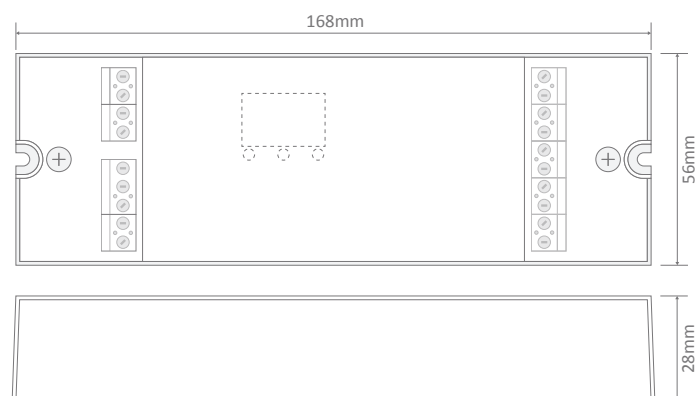|	
Type of interface:	RGBW 4ch controller
Method of control:	DMX-512*
Method of dimming:	PWM (Pulse width modulation)
Housing colour:	Black plastic colour housing
Housing size (mm):	(L) 168 x (W) 58mm x (H) 28mm
Digital display:	Yes
Input voltage (VDC):	12-24VDC
Output voltage (VDC):	12-24VDC
Output current (A):	4 x 8A
Output wattage (W):	12VDC- 96W per channel.(x4)
	24VDC- 192W per channel. (x4)
Multi-channel operation:	Yes**
Expandable signal:	Yes***
Requires:	Constant voltage 12-24VDC LED driver ****

*   Accepts signal generated from automation systems via a DMX-512 gateway or lighting control console.
**   3-4CH selectable depending on use. RGB (3CH) or RGBW (4CH).
***   4CH data repeater recommended for loads that exceed the CHAMELEON-20 limits. CHAM-05 (20114) not included.
**** Constant voltage LED driver required (not included) product dependant.

Diagrams / Additional

168mm

56mm

28mm

Item No.	Variant	Description
20129	CHAM-20	4CH DMX-512 interface