

Renaissance collection 1-10 V dimmer



Description

A 1-10 V dimmer designed and tested to work with high frequency 1-10 V electronic ballast and led drivers. 1-10 V dimmers work by receiving a 10V input from the ballast, the dimmer sinks (drops) the voltage to between 0-10 V which the ballast detects and dims the lights accordantly. 1-10 V is the dimming range, some ballasts will switch off if a voltage of below 1 V is detected and switches back on above 1 V.

This devise is often mistakenly referred to as 0-10V dimmer even by some manufactures.

There are auxiliary contacts that can be use to isolate the power to the ballast, by pushing the dimmer knob. Care should be taken that the inrush current of the ballast does not exceed the switch rating

Standards and approvals

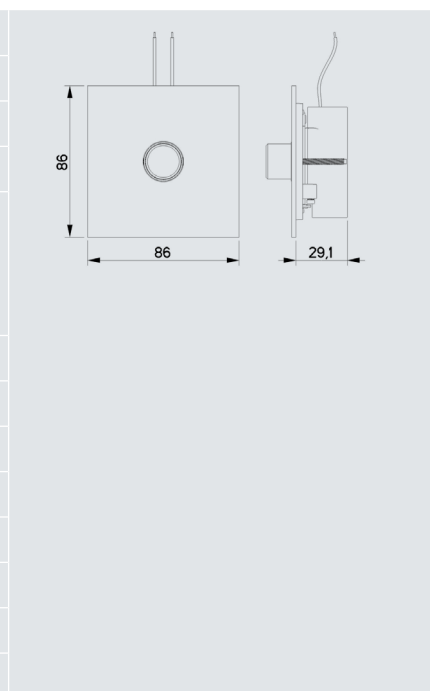
CE and UKCA marked
 BS EN 60669-2-1
 BS EN 55015

Features

- Colour coded metal knobs
- Black or white colour surround
- Silver contacts
- Noise free dimming
- Press to turn on off
- 2 way
- Single gang standard
- Multi gang optional

Technical specification

Rated voltage (AC)	240 V
Rated load (AC)	2 A
Ambient operating temperature	-5°C to 35°C
Max installation altitude	2000 metres
Terminal capacity (AC)	C 0.75mm ² -1.5mm ² L1 0.75mm ² -1.5mm ² L2 0.75mm ² -1.5mm ² E 0.75mm ² -6mm ²
Supply voltage (DC)	10 V
Rating (DC)	45 mA
Flying Lead Length (DC)	100mm
Contact gap	Micro
Recommended box	35mm metal box to BS 4662
IP rating	IP2XD
IP rating (plate removed)	IP2X
Single plate dimensions	86mm x 86mm



Finishes technical specification

Canvas

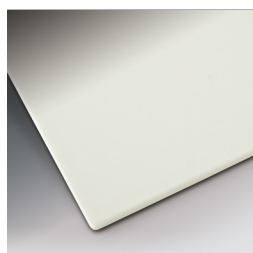


Plate material	2.5mm CZ108 brass
Finish applied on plate	Canvas, primed white ready for customer's own finish
Screw type	Screwless
Plate prefix	RCN
Standard insert trim colour	White or black
Standard dimmer knob finish	Canvas

Ochre

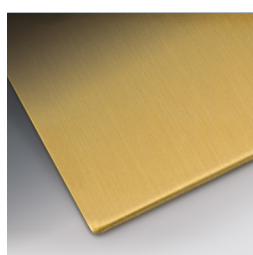


Plate material	2.5mm CZ108 brass
Finish applied on plate	Ochre, brushed grain finish with matt lacquer protection
Screw type	Screwless
Plate prefix	ROC
Standard insert trim colour	White or black
Standard dimmer knob finish	Ochre

Roma



Plate material	2.5mm CZ108 brass
Finish applied on plate	Roma, brushed grain finish with matt lacquer protection
Screw type	Screwless
Plate prefix	RRO
Standard insert trim colour	White or black
Standard dimmer knob finish	Roma

Sienna



Plate material	2.5mm CZ108 brass
Finish applied on plate	Sienna, brushed grain finish with matt lacquer protection
Screw type	Screwless
Plate prefix	RSI
Standard insert trim colour	White or black
Standard dimmer knob finish	Sienna

Umber

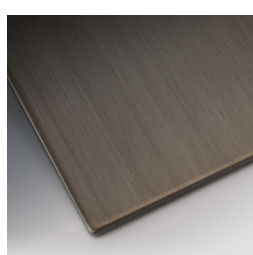


Plate material	2.5mm CZ108 brass
Finish applied on plate	Umber, brushed grain finish with matt lacquer protection
Screw type	Screwless
Plate prefix	RUM
Standard insert trim colour	White or black
Standard dimmer knob finish	Umber

Plate care instructions

These finishes are protected by a matt lacquer (except Canvas). These plates must only be cleaned with a wax-based polish applied with a soft, dry cloth. Under no circumstances should abrasive/solvent polishes or paint removing solvents/treatments be used. Under most conditions the lacquer finish guarantees full protection.

Fitting of products

Installation on wet plaster or paint should be avoided at all times. All electrical products must be fitted by a fully qualified electrician, failure to adhere to this will void any warranty on the products.

Bespoke accessories

Focus SB can produce and manufacture bespoke accessories including combination plates and various multi gang plates to meet your exact requirements in this range please contact one of our product consultants for further details.

Interiors

All interiors are designed to run on British Standard 230 V. Non-UK standard interiors are available upon specific request, please contact one of our product consultants for further details.

This product is suitable for UK metal flush boxes to BS 4662, dry liner boxes and boxes with internal intumescent pads are not recommended. Boxes, plates and grids must be earthed and if fitted outside the UK permission/approval must be obtained by the local or national electricity supplier and/or approvals authority.

Warranty

5-year manufactures warranty against mechanical or electrical fault.

Refer to the standard terms & conditions of sale Clause 5 (as found at www.focus-sb.co.uk/terms).

Contact details

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