

Ecobus Dimm Actor 2x

A-N

Lighting dimmer, 2x actuator
dimmer switch EVG



Product Information

Application

The device, which is connected in serial in the distributor, enables lighting circuits to be switched and dimmed via an Ecobus EIB in conjunction with ECGs (electronic control gear). It can activate two independent channels. In conjunction with the Ecobus light sensor, the device can be used as a 2x light adjuster, to maintain constant light levels. The dimmer telegrams are converted into 0...10 V signals, that correspond to 0...100% brightness. The device remains passive, so that the 0...10 V outputs behave as controlled resistances, the controlled ECGs provide the current. The device needs no additional power supply. Two relay contacts switch the power circuits.

Various functions can be selected, depending on the application in the program being used, such as:

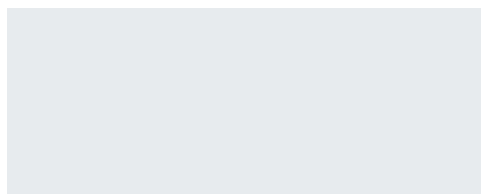
- Transfer period 0...100% brightness
- Absolute dimmer value
- Min. / max. brightness
- Input / output adjustment

The settings value for the light adjuster is set separately for each channel.

Adjustment can be made in the range 200...1200 Lux. Power supply via the Ecobus EIB.

Technical Properties

Inputs	2, for Ecobus light sensor
Outputs	2, passive, 0...10 V for ECG
Max. load	< 30 mA
Cable length	max. 100 m
Power circuit	2, static-free contacts
Switching voltage	230 V AC
Switching capacity	16 A/AC 1;10 A/AC 3
User and display components	LED and button for input of physical address, 2 switch position markings ON/OFF (also available for manual usage). IP 20 in accordance with EN 60 529
Protection method	
Operating temperature range	-5°C to +45°C
Connection	Ecobus EIB bus connection terminal red/black
Light sensor	1 connection terminal each white/yellow (connection terminals supplied)
Power circuit	0...10 V signal for ECG, 2 screw terminals each
Connection cross section	2 screw terminals each
Function	fine wire, 0.5 - 2.5 mm ² , single wire 0.5 - 4 mm ²



General Properties

Dimensions (H x W x D)	90 x 72 x 64 mm
Assembled depth / width	68 mm / 4 modules at 18 mm

Article No.	Dimensions	Weight	Packaging Unit
301 011	Module width 4	kg/unit 0.19	Unit 1