



## Product Information

### Application

The B-2D EVG Office Actuator 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).
Protection method	IP 20 in accordance with EN 60 529
Operating temperature range	-5°C to +45°C
Connection	Ecobus EIB bus connection terminal
Light sensor	Connection (terminal included in goods supplied) 0...10 V signal for ECG

### General Properties

Assembly	Behind plasterboard / false ceilings or false floors.
Connection	Matching Ecobus patch cable, see page 215.

Other types of construction and function are available.

Article No.	Dimensions	Weight	Packaging Unit
	W x H x D mm	kg/unit	Unit
300 981	180 x 180 x 92 mm	app. 1.80	1