



Product Information

Application

The Ecobus EIB 2D/2J EVG Office Actuator comprises two areas of functionality. A 2x dimmer switch (with optional light adjuster) - When used in conjunction with EVGs (electronic control gear ECG) the device enables light circuits to be switched and dimmed using the Ecobus EIB. It can activate two independent channels. In conjunction with a 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 dim 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.

Window blind control, 2x, 6 A - To control two independent groups with a maximum of 2 blind motors each – UP, DOWN and stepped blind settings; UP and CLOSED. The device needs no additional power supply. The following functions can be set according to the application selected using the configuration software:

- Time paused when changing direction
- Monitor period for wind sensor
- Safety on wind alarm trigger
- Blind run time
- Impulse time for setting blinds

Technical Properties

Switch/Dimmer	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
Window blind control	Outputs	2 x 2, change-over contacts
	Nominal voltage	230 V AC + 10 / - 15%, 50 Hz
	Switching current	6 A
	User and display components	LED and button input for physical address
	Protection method	IP 20 in accordance with EN 60 529
	Operating temperature range	-5°C to +45°C

General Properties

Assembly
Connection
Behind plasterboard / false ceilings or false floors.
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
300 982	180 x 180 x 92 mm	app. 1.80	1