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Product information

Application

The ecobus® EIB Office Actuator B-2D EVG W permits, in combination with electronic ballasts, switching and dimming of light electric circuits via ecobus® EIB. It has two independent channels. The dimming messages are converted into signals 1...10 V, corresponding to 0..100% brightness. The device works passively; that means, the 1...10 V outputs behave like controlled resistances, while the triggered electronic ballasts supply the current. The device does not require any additional power supply. Two relay contacts serve as circuit switches. Depending on the application, various functions can be selected in the application program, such as: - actuation time 0...100% brightness - absolute dim value - brightness min./max. - adjustment on/off

Technical Properties

Outputs	2 dimming outputs for 230 V~ consumers with ECG triggering 1...10 V
Power supply	230/400 V~, 50...60 Hz, max. 16 A, EIB
Switch voltage	230 V~
Switch capacity	16 A resistance load max.
Controlling output	1-10 V (passive); 50 mA
Housing	light gray, RAL 7035
Mounting type	wall surface, attachment with 2 screws
Protection type	IP 20
Ambient operating temperature	-5°C...+45°C

General Properties

Housing	flammability according to UL Standard 94: V-2 halogen-free
Mounting	For stripped-free and stationary connection directly to the ecobus® combi-cable.
Connection	matching ecobus® connection cable see page E-36

Article No.	for nom. cross section	Weight	Dimensions	Fire load	Packaging Unit
	n x mm ²	g/Unit	app. mm	kWh/unit	Unit
1301 220	5 x 2,5 + 2 x 1,5	363	254 x 112 x 32	2,6	1