
Dimming Actuator

Dimming Actuator 230 V AC free@home wireless

Type: 62851 U-WL-500

Product ID: 2CKA006710A0038

GTIN: 4011395346396

IP20



Flush mounted actuator wireless for switching and dimming of lighting systems.

Operation in ABB-flexTronics® wireless (device control) or networking of up to 32 devices (room control).

Integration in ABB-free@home® wireless with System Access Point up to 150 devices.

2-wire connection (neutral conductor not required).

Neutral conductor optionally connectable (recommended for the connection of low loads < 3 W/VA). With plug clamps.

With extension input.

Operation also possible via conventional push buttons.

Remote operation via Bluetooth and smartphone/tablet app.

Programming via Bluetooth with the ABB-free@home® Next App or the web interface of the System Access Point.

Optimised for dimming of retrofit LED lamps (LEDi).

For dimmable Retrofit-LEDs (LEDi).

For dimmable Retrofit-LEDs (LEDi) with conventional or electronic transformers.

For incandescent lamps, 230 V tungsten halogen lamps, low-voltage halogen lamps with conventional or electronic transformers and dimmable halogen lamps.

Mix operation of LEDi with conventional loads possible.

With manually adjustable operating mode: trailing / leading edge control.

With adjustable minimum brightness.

Low-noise level by MOSFET transistors.

With electronic short-circuit protection.

With electronic overload protection.



Technical specification

ETIM Data

ETIM Version:	ETIM-9.0
ETIM Class:	EC001094
Bus system KNX:	No
Bus system KNX radio:	No
Bus system radio frequent:	No
Bus system LON:	No
Bus system Powernet:	No
Other bus systems:	Other
Mounting method:	Flush mounted (plaster)
With bus connection:	Yes
Bus module detachable:	No
With LED indication:	Yes
Number of outputs:	1
Type of load:	Universal and LED Retrofit
Max. switching power LED:	180 W
Frequency:	50 Hz
Degree of protection (IP):	IP20
Min. depth of built-in installation box:	23 mm