



ZigBee AC Dimmer

The ZigBee AC dimmer is an innovative AC dimming actuator with a ZigBee control interface. It is equipped with a 100-240 V AC input and output and designed for a maximum of 400 W. The dimmer is available with a leading edge dimming version as well as with a trailing edge dimming version. With the innovative function for adjusting the brightness, users can set a minimum brightness and dim it to 100% brightness. The dimmer can be controlled via a ZigBee gateway interface or via remote controls that are added to the network and connected to the dimmer.

The device is based on ZigBee 3.0 and can be connected to and controlled by up to 30 ZigBee remote controls that support ZigBee Light Link via Touchlink. It also supports the new ZigBee Green Power function and can be connected directly to a remote control controlled by up to 20 ZigBee Green Power remote controls without a ZigBee hub or gateway.

Technical specifications:	
Output voltage	100-240 V AC
Output current	1,5A max.
Output power	400 W max. @220 V
Usage options	Incandescent lamps, halogen lamps, dimmable LED lamps
Mounting	Flush-mounted installation in a universal flush-mounted box
Dimensions	45,5 mm x 45 mm x 20,3 mm
Certification	IP 20

Compatible Load Types			
Load Symbol	Load Type	Maximum Load	Remarks
	Dimmable LED lamps	200W @ 220V 100W @ 110V	Due to variety of LED lamp designs, maximum number of LED lamps is further dependent on power factor result when connected to dimmer.
	Dimmable LED drivers	200W @ 220V 100W @ 110V	Maximum permitted number of drivers is 200W divided by driver nameplate power rating.
	Incandescent lighting, HV Halogen lamps	400W @ 220V 200W @ 110V	
	Low voltage halogen lighting with electronic transformers	200W @ 220V 100W @ 110V	

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*Warranty ex works, normally 24 months, fixed at order. Information is current as of the date of publication. Subject to errors and modifications. NOTE: Internal connections refer to connections inside the unit, generally mounted across a pin-header. External connections refer to those outside the box. Once mounted, only connections described as „front accessible“ can be accessed by the customer.