

Dimming Actuator for brand switches

Product ref.: 143166A0



Product features

- The flush-mount dimming actuator allows dimming of incandescent lamps, HV and LV halogen lamps (with electronic transformer) and dimmable energy-saving lamps as well as dimmable LEDs
- The Homematic IP app offers infinitely variable dimming of connected lights in 0.5 percent steps
- Low current consumption
- Compact design for installation in standard flush-mounting boxes
- Can also be integrated into existing switches by making use of existing frames and rockers
- With the appropriate adapter, the device can be integrated into the most popular switch designs of leading manufacturers: Busch-Jaeger, Gira, Merten, Berker, Jung, düwi, Kopp
- Reliable operation with a minimum load of 3 VA
- A neutral conductor is required for installation

Technical specifications

Supply voltage	230 V/50 Hz
Current consumption	0.35 A
Maximum switching capacity	80 VA
Minimum load	3 VA
Standby power consumption	0.4 W
Dimming method	reverse phase control
Load type	ohmic and capacitive lamp load
Cable type and cross section	rigid and flexible cable, 0.75 - 1.5 mm ²
Installation	only in normal commercial switch boxes (device boxes) in accordance with DIN 49073-1.
Degree of protection	IP20
Ambient temperature	5 - 35 °C
Dimensions (W x H x D)	71 x 71 x 37 mm
Weight	47 g
Radio frequency	868.3 MHz/869.525 MHz
Typ. open area RF range	270 m



Compatible with the Homematic Central Control Unit CCU2 (supported by Homematic IP Access Point and Homematic IP app soon)

Logistical data

Product reference	143166A0
EAN code	4047976431663
Short description	HmiIP-BDT
Packing unit	90
Packing dimensions	122 x 112 x 48 mm

Package contents

Homematic IP Dimming Actuator for brand switches

Screws 3.2 x 15 mm (2x)

Screws 3.2 x 25 mm (2x)

User manual