

Dimming Actuator for brand switches – trailing-edge

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
- Comfortable and individual voice control (e.g. via Amazon Alexa or Google Assistant)
- For operation, the Homematic IP Access Point in connection with the Homematic IP app (no recurring costs), the Homematic Central Control Unit CCU2 or an appropriate partner solution is required

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

Logistical data

Product reference	143166A0
EAN code	4047976431663
Short description	HmlIP-BDT
Packing unit	90
Packing dimensions	122 x 112 x 48 mm
Weight incl. packaging	124.8 g

Package contents

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Screws 3.2 x 15 mm (2x)

Screws 3.2 x 25 mm (2x)

User manual