The Homematic IP Dimming Actuator offers intelligent control of dimmable luminaries. The invisible solution for flush-mounted installation can be easily retrofitted. This is how existing switch series can continue to be used. Afterwards, lights can be controlled easily via smartphone, automatically using an individual time profile or – as used to – via push-button.
Homematic IP is a brand of eQ-3 AG  

**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  

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

**TECHNICAL SPECIFICATIONS**
- Supply voltage: 230 V/50 Hz  
- Current consumption: 0.35 A  
- Minimum load: 3 VA  
- Maximum switching capacity: 80 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 mm²  
- Installation: only in normal commercial switch boxes (device boxes) in accordance with DIN 49073-1  
- Degree of protection: IP20  
- Ambient temperature: 5 to 35 °C  
- Dimensions (W x H x D): 71 x 71 x 37 mm  
- Weight: 47 g  
- Radio frequency band: 868.0-868.6 MHz  
- Typ. open area RF range: 270 m  

**SMART CONTROL AND DIMMING OF LIGHTS**
Almost infinitely variable dimming and switching of the connected lights provides for the ideal lighting atmosphere in your smart home. The dimming value can be set individually via the Homematic IP app. The device is controlled via smartphone, wireless push-button or remote control, existing switches or comfortably via voice command. The lighting can also be switched on or off automatically at the desired time using adjustable time profiles.

**SUITABLE FOR A LARGE NUMBER OF ILLUMINANTS**
- Dimmable LEDs  
- Dimmable energy-saving lamps  
- Incandescent lamps  
- HV halogen lamps  
- NV halogen lamps with electronic transformer

**SMART WAY TO WAKE UP**
Start relaxed into the day: Dimmable lights can slowly be switched on automatically, at sunrise or any desired time.

**INVISIBLE INSTALLATION INTO EXISTING DESIGNS**
Offers integration 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 (an overview of compatible manufacturers is available at www.homematic-ip.com).

**EASILY INSTALLED**
Compact design for installation into standard flush-mounted boxes. The screwless terminals enable easy and secure wiring.

For installation, a neutral conductor is required.

To enable operation, the device has to be connected with one of the following solutions:
- Homematic IP Access Point with free smartphone app and free cloud service  
- Central Control Unit CCU2/CCU3 with the local user interface WebUI  
- Third-party solutions of partners

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Homematic IP is a brand of eQ-3 AG  
Subject to modifications.  
www.homematic-ip.com  
Version 2.0  
EN