

INVISIBLE AND
SMART CONTROL
OF LIGHTS

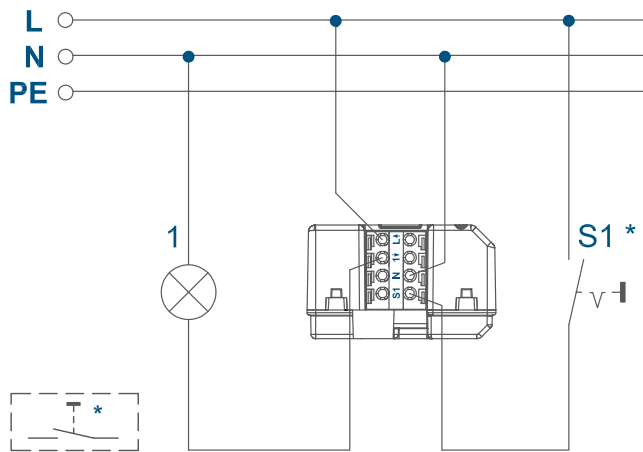
Switch Actuator with Push-button Input – flush-mount

HmIP-FSI16

Control the lights smart while still using existing push-buttons or switches for operation as used to. This is possible with the easily retrofitted Homematic IP Switch Actuator.



homematic 
Smart Living, Simply Exciting.



SUITABLE FOR MANY CONNECTED LOADS

- ✓ ohmic loads (14 A permanent/16 A for 15 min.)
- ✓ incandescent lamps (1500 W per channel)
- ✓ self-ballasted lamps (LED/compact fluorescent lamp) (200 W)
- ✓ HV halogen lamps (1500 W)
- ✓ LV halogen lamps with electronic transformer or iron core transformer (1500 W)
- ✓ fluorescent lamps uncompensated or parallel compensated (1500 W)
- ✓ electronic radiators and electric heating systems (8 A, 200,000 operations)

SMART LIGHT CONTROL

Switching of a connected light provides for the ideal lighting atmosphere in the smart home. Thanks to the high switching capacity, even large loads with up to 16 A can be switched.

TECHNICAL SPECIFICATIONS

Supply voltage	230 V/50 Hz
Standby power consumption	0.25 W
Max. switching capacity	3220 W permanent 3680 W for 15 minutes
Max. switching current	14 A permanent 16 A for 15 minutes
Relay	NO contact, 1-pole, μ contact
Cable type and cross section	rigid and flexible cable, 1.5-2.5 mm ²
Installation	only in switch boxes (device boxes) in accordance with DIN 49073-1 or junction boxes (surface-mounting boxes) in accordance with DIN 60670-1
Degree of protection	IP20
Ambient temperature	-10 to +55 °C
Dimensions (W x H x D)	54 x 33 x 41 mm
Weight	49 g
Radio frequency band	868.0-868.6 MHz 869.4-869.65 MHz
Typ. open area RF range	180 m

FLEXIBLE OPERATION

The integrated push-button input and wireless communication offer a large number of control options:

- ✓ Directly via standard 230 V push-buttons or switches
- ✓ Wirelessly using Homematic IP Push-buttons or Remote Controls
- ✓ Via the Homematic IP smartphone app

INVISIBLE INSTALLATION

Compact design for easy installation in flush-mounting boxes. Existing push-buttons/switches can be easily connected via the integrated input with screwless terminals. Double terminals for easy through-wiring.

The installation is also possible with surface-mounted junction boxes (e.g. ELS Spelsberg Abox 25) in protected outdoor areas, such as in garages or under a roof overhang.



EXTENDED OPERATION

With time profiles for individual configuration via the Homematic IP app, switching of lights can be adjusted to the daily routine of the user.

Furthermore, the switch actuator can be controlled conveniently via voice control (using Amazon Alexa or Google Assistant).

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

LOGISTICAL DATA

Product reference	154346A0
EAN code	4047976543465
Short description	HmIP-FS16
Packing unit	90
Packing dimensions	122 x 112 x 48 mm
Weight incl. packaging	144 g

PACKAGE CONTENTS

Homematic IP Switch Actuator with Push-button Input – flush-mount
User manual