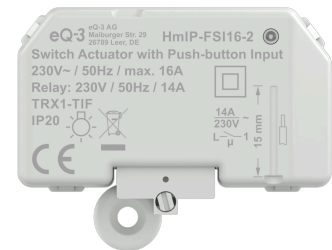


Switch actuator with push-button input (16 A) – flush-mount

HmIP-FSI16-2

Control lighting in your smart home intelligently whilst continuing to use your existing buttons and switches in the normal way – this is now possible with the easily retrofitted switch actuator from Homematic IP.



TECHNICAL SPECIFICATIONS

Supply voltage	230 V / 50 Hz
Protection class	II
Degree of protection	IP20
Ambient temperature	-10 to +55°C
Weight	49 g
Dimensions (W x H x D)	54 x 33 x 41 mm
Current consumption	16 A max.
Max. switching current	14 A continuously, 16 A for 15 min
Max. switching capacity	3220 W continuously, 3680 W for 15 min
Standby power consumption	0.25 W
Relay	1x NO contact, 1-pin, μ -contact
Load type	Ohmic load, $\cos\phi \geq 0.95$
Cable type and cross section rigid wire	rigid cable, 1.5 - 2.5 mm ²
Cable type and cross section flexible wire	flexible cable (without ferule), 1.5 - 2.5 mm ²
Installation	in switch boxes (device boxes) in accordance with DIN 49073-1, Junction boxes (surface-mounting boxes) in accordance with DIN 60670-1
Typical open area RF range	180 m
Radio frequency band	868.0–868.6 MHz / 869.4–869.65 MHz

HIGHLIGHTS

- Suitable for different loads
- Invisible installation in standard flush-mounted boxes
- Convenient switching of connected lights
- Control via remote control unit, push-button, app and voice control.

APPLICATION AREAS

Heating and climate control, Light and shade, Security and alarm

PACKAGE CONTENTS

Switch actuator with push-button input (16 A) – flush-mount
Operating manual

LOGISTIC DATA

Product reference	161848A0
EAN code	4047976618484
Short description	HmIP-FSI16-2
Packaging unit	90
Packing dimensions	122 x 112 x 48 mm
Weight incl. packaging	144 g

SUITABLE FOR A WIDE RANGE OF LOADS

The flush-mount switch actuator is suitable for a wide range of electrical loads. It switches ohmic loads up to 14 A continuously (briefly 16 A) as well as incandescent and high-voltage halogen lamps up to 1500 W. LED and compact fluorescent lamps with a ballast are suitable up to 200 W. Low-voltage halogen lamps with electronic or conventional transformers, as well as fluorescent lamps up to 1500 W can also be switched. For radiators and heating systems, a load capacity of 8 A is possible for up to 200,000 switching cycles.

SMART LIGHT SWITCHING

A connected light can be conveniently switched on and off to create the ideal lighting mood in your smart home. Thanks to the particularly high switching capacity, large loads of up to 16 A can also be switched.

FLEXIBLE OPERATION

The lighting can be controlled in a variety of ways: directly via the existing switch series, wirelessly via Homematic IP push-buttons, remote controls or motion detectors, and conveniently at any time via the Homematic IP app. In addition, individual time schedules can be set to switch the light on and off automatically at desired times. For even greater convenience, voice control via Alexa or Google Home is also possible.

INVISIBLE INSTALLATION

Compact housing for easy installation in standard flush-mounted boxes. Existing buttons and switches can be conveniently connected via the integrated input with screwless terminals.

The dual terminals allow for practical through-wiring. Alternatively, installation in surface-mounted junction boxes (e.g. ELS Spelsberg Abox 25) in sheltered outdoor areas, such as garages and under roof overhangs, is also possible.

