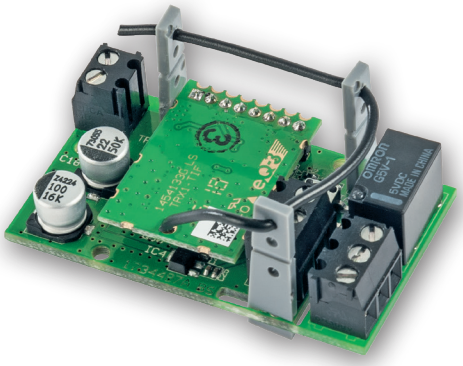
Switch Circuit Board

HmIP-PCBS



Enables the wireless switching, e.g. of a switch or button input, 12 V signalling device or LEDs, in the extra-low voltage range. Thanks to the compact design the device can be flexibly installed into existing devices and own projects.

FLEXIBLE APPLICATION WITHIN THE SMART HOME

The switch circuit board can be used in almost all areas of a smart home. It is suitable for switching conventional domestic appliances, lighting installations or garage door drives. Connected devices can be switched on and off comfortably via the Homematic IP app or a remote control.

- The miniature relay provides a switching capacity of up to 30 V/1 A
- If the miniature relay is not required it can simply be broken off and only the open collector switching output with 30 V/0.5 A can be used
- Can be used to extend the range of the radio signal
- Convenient and individual voice control (e.g. via Amazon Alexa or Google Assistant)

Operation requires connection to one of the following solutions:

- Homematic IP Access Point with free smartphone app and free cloud service
- Third-party solutions of partners

TECHNICAL SPECIFICATIONS

Supply voltage	5 to 25 VDC
Current consumption without relay	50 mA max.
Current consumption with relay	70 mA max.
Relay	changeover contact, 1-pole, µ contact
Load type	ohmic load
Switching voltage (max.)	30 V
Switching current (max.)	1 A (miniature relay) and 0.5 A (open collector switching output)
Cable type and cross section	rigid and flexible cable, 0.75 to 1.0 mm²
Ambient temperature (operation)	-10 to +35 °C
Dimensions (W x H x D)	28 x 48 x 21 mm (incl. relay)
Weight	13 g
Radio frequency band	868.0-868.6 MHz 869.4-869.65 MHz
Typical open area RF range	350 m

LOGISTICAL DATA

Product reference	150776A0
EAN code	4047976507764
Short description	HmIP-PCBS
Packing unit	144
Packing dimensions	122 x 93 x 36 mm
Weight incl. packaging	74.2 g

PACKAGE CONTENTS

Homematic IP Switch Circuit Board
User manual