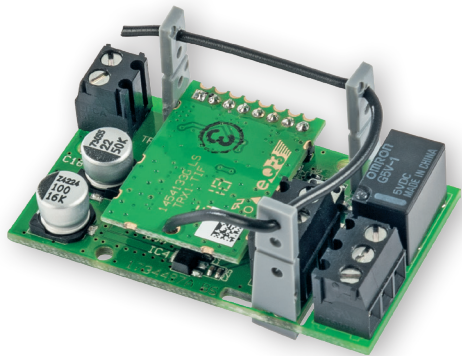


Switch Circuit Board

Product ref.: 150776A0



Product features

- Offers wireless switching of e.g. a switch or push-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
- Connected devices can be switched on and off comfortably via the Homematic IP app or Remote Control
- Application in almost all areas of a smart home - conventional household appliances, light installations or garage door drives are controlled intelligently with Homematic IP
- Can be used to extend the wireless range of the radio signal
- 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
- Comfortable and individual voice control (e.g. via 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 local user interface WebUI
 - 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 - 1.0 mm ²
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
Typ. 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