

# Multi IO Box

Product ref.: 142988A0



## Product features

- Separate control unit for switching the boiler and the circulation or heating pump
- Can be used with up to four floor heating actuators even without Homematic IP Access Point or Homematic Central Control Unit CCU2/CCU3
- Offers switching between summer and winter mode - heating and cooling is configured by a corresponding switching output and input
- Thanks to the input for a humidity limiter, mould formation caused by condensation water on the cables in cooling mode can be avoided
- Input for temperature limiter for protecting the floor
- 0 to 10 V output e.g. for controlling a controlled domestic ventilation system
- Easy to install with screws or in DIN rails (DIN Rail Adapter HmIP-DRA, part-no. 150123A2A, optionally available)
- Set of in- and outputs that can be flexibly used to control the floor heating or for general smart home applications
- For operation, one of the following solutions is required:
  - Stand-alone (without Access Point or Central Control Unit, in connection with a Homematic IP Floor Heating Actuator and a Homematic IP Wall Thermostat)
  - 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          | 230 V/50 Hz                                                 |
| Max. switching capacity |                                                             |
| Output 1                | 3680 W, $\cos\phi \geq 0,95$ (floating)                     |
| Output 2                | 1840 W, $\cos\phi \geq 0,95$ (floating)                     |
| Input                   | 2x digital inputs (floating)<br>1x analogue output (0-10 V) |
| Degree of protection    | IP20                                                        |
| Ambient temperature     | 0 to 50° C                                                  |
| Dimensions (W x H x D)  | 199 x 156 x 34 mm                                           |
| Weight                  | 365 g                                                       |
| Radio frequency band    | 868.0-868.6 MHz<br>869.4-869.65 MHz                         |
| Typ. open area RF range | 380 m                                                       |

## Logistical data

|                        |                   |
|------------------------|-------------------|
| Product reference      | 142988A0          |
| EAN code               | 4047976429882     |
| Short description      | HmIP-MIOB         |
| Packing unit           | 12                |
| Packing dimensions     | 185 x 280 x 97 mm |
| Weight incl. packaging | 735.0 g           |

## Package contents

Homematic IP Multi IO Box  
 Mounting material (4x screws, 4x plugs)  
 User manual