

Floor Heating Actuator – 6/10 channels, 230 V

Product ref.: 142974A0/142981A0



Technical specifications

| | |
|------------------------------|-----------------------|
| Supply voltage | 230 V/50 Hz |
| Current consumption | 6.3 A max. |
| Maximum switching capacity | |
| Channel 1 | 1380 W |
| Channel 2-6 | 253 W |
| Channel 2-10 | 253 W |
| Degree of protection | IP20 |
| Ambient temperature | 0 to 50° C |
| Dimensions (W x H x D) | 225 x 75 x 52 mm |
| Weight | 566 g |
| Radio frequency | 868.3 MHz/869.525 MHz |
| Typ. open area RF range | 270 m |
| Max. number of heating zones | 6 or 10 |

Product features

- Floor heating actuator with 6 or 10 heating zones offers comfortable control of floor heating systems
- Individual room-by-room temperature control
- Rooms are heated efficiently via floor surfaces
- Rooms can be cooled via floor surfaces
- No cabling effort thanks to secure 868.3 MHz/869.525 MHz radio technology
- Controls floor heating systems and heating pumps
- Automatically provides continuous flow of heating water and therefore ensures constant and efficient utilisation of the central heating
- Several floor heating actuators can be used in one house
- Connection to the Homematic IP Multi IO Box for controlling boilers or switching between heating and cooling
- Screwless plug-in/clamp connection technology
- Every second heating zone is equipped with two clamp terminals. Thus, two heating circuits can be connected to one heating zone.
- Easy installation with supplied screws or via DIN rail mounting
- Most advanced control algorithms for all kinds of water based floor heating systems
- Flexible application:
 - Stand-alone operation in connection with the Homematic IP Wall Thermostat (HmIP-WTH-2)
 - Via the Homematic IP Access Point and Homematic IP app as well as the Homematic Central Control Unit or control units of partners in connection with the Homematic IP Wall Thermostat or Temperature Sensor (always required for operation)

Logistical data

| Version | 6 channels | 10 channels |
|--------------------|-------------------|-------------------|
| Product reference | 142974A0 | 142981A0 |
| EAN code | 4047976429745 | 4047976429813 |
| Short description | HmIP-FAL230-C6 | HmIP-FAL230-C10 |
| Packing unit | 12 | 12 |
| Packing dimensions | 184 x 281 x 97 mm | 184 x 281 x 97 mm |

Package contents

Homematic IP Floor Heating Actuator – 6/10 channels

Mounting accessories (2x screws, 2x plugs)

User manual