

Floor Heating Actuator – 6/10 channels, 24 V

Product ref.: 143237A0/143238A0



Technical specifications

| | |
|------------------------------|-------------------------------------|
| Supply voltage | 24 V/50 Hz |
| Current consumption | 1.25 A max. |
| Maximum switching capacity | |
| Channel 1 - 6 | 24 W |
| Channel 1 - 10 | 24 W |
| Degree of protection | IP20 |
| Ambient temperature | 0 to 50° C |
| Dimensions (W x H x D) | 225 x 75 x 52 mm |
| Weight | 282 g |
| Radio frequency band | 868.0-868.6 MHz 869.4-869.65 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 a floor heating system
- Individual room-by-room temperature control
- Rooms are heated/cooled efficiently via floor surfaces
- Individual temperature profiles with up to 13 changes per day in 6 adjustable heating profiles (3x heating/3x cooling)
- No cabling effort thanks to secure 868.3 MHz/869.525 MHz radio technology
- Controls floor heating systems and heating pumps (via additional switch relay)
- 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
- For operation, one of the following solutions is required:
 - Stand-alone (without Access Point or Central Control Unit, configuration directly at the 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

Logistical data

| Version | 6 channels | 10 channels |
|------------------------|-------------------|-------------------|
| Product reference | 143237A0 | 143238A0 |
| EAN code | 4047976432370 | 4047976432387 |
| Short description | HmIP-FAL24-C6 | HmIP-FAL24-C10 |
| Packing unit | 12 | 12 |
| Packing dimensions | 184 x 281 x 97 mm | 184 x 281 x 97 mm |
| Weight incl. packaging | 834.0 g | 845.0 g |

Package contents

Homematic IP Floor Heating Actuator – 6/10 channels, 24 V

Mounting accessories (2x screws, 2x plugs)

DIN rail

User manual