

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 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 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
- 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	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
Weight incl. packaging	959.0 g	985.0 g

Package contents

Homematic IP Floor Heating Actuator – 6/10 channels

Mounting material (2x screws, 2x plugs)

User manual