

Comparison criteria	Floor Heating Controller – 12 channels, motorised	Floor Heating Controller – 10 channels, 230 V
Product image		
Short description	HmIP-FALMOT-C12	HmIP-FAL230-C10
Valve drive required	 Valve Drive – motorised (HmIP-VDMOT) (valve adapter included in the scope of delivery)	 Valve Drive 230 V
Functionality	Stepless and continuous control via motorised valve drives	PWM regulation (open/close) via thermal valve drives
Energy cost savings thanks to modern drives	✓	no
Additional transformer is required	no	no
Number of heating zones	12	10
Max. number of valve drives	12	15 (14, if a pump is controlled)*
Control of a circulation pump possible	✓ (in conjunction with HmIP-MIOB and HmIP-WHS2)	✓
Cooling mode possible	✓	✓
Supply voltage	230 V/50 Hz or 24 VDC/SELV	230 V/50 Hz
Current consumption	500 mA max. or 375 mA max. (at 24 VDC/SELV)	6.3 A max.
Switching capacity per heating zone	-	1 A max.
Nominal load of all actuators	-	250 W max.
Cable type and cross section	rigid and flexible cable, 0.12-0.5 mm ²	rigid and flexible cable, 0.75-1.5 mm ²
Connection type of the valve drives	Via plug-in connections	Via push-in terminals
Dimensions (W x H x D)	242 x 85 x 52 mm	242 x 85 x 52 mm
Weight	440 g	566 g
Typical Range in open space	320 m	270 m
Radio frequency band	868.0-868.6 MHz 869.4-869.65 MHz	868.0-868.6 MHz 869.4-869.65 MHz
Display	✓ Illuminated LC display	no
Cloud operation with access point supported	✓	✓
Local operation with CCU3 possible	✓	✓
Stand-alone operation possible	✓ In conjunction with the wall thermostat WTH-B-2 (WTH-B-2 without change-over function) or WTH-2	✓ In conjunction with the wall thermostat WTH-B-2 (WTH-B-2 without change-over function) or WTH-2
Local operation on device supported	✓ (for installation and test purposes)	✓ (for installation and test purposes)
No. of heating schedules	3	3
Compatible with Amazon Alexa	✓	✓
Compatible with Google Assistant	✓	✓

* Every second heating zone is equipped with two clamp terminals. Thus, two heating circuits can be connected to one heating zone.