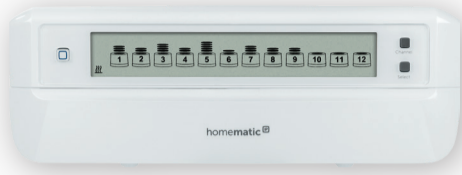





Comparison of Homematic IP Floor Heating Controllers

Comparison criteria	Floor Heating Controller – 12 channels, motorised	Floor Heating Actuator – 10 channels 230 V
Short description	HmIP-FALMOT-C12	HmIP-FAL230-C10
Product image		
Required actuator	Valve drive – motorised (Valve adapter included in scope of delivery) 	Valve drive 230 V 
Functionality	Stepless and continuous control via motorised valve drive	PWM control (open/close) via thermal valve drives
Energy cost savings due to modern actuators	✓	No
Additional transformer required	No	No
Number of heating zones	12	10
Max. number of actuators	12	15 (14, if a pump is being operated)*
Control of circulating pump possible	✓ (in combination with HmIP-MIOB und 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 actuators	via plug connections	via Push-in clamps
Dimensions (W x H x D)	242 x 85 x 52 mm	242 x 85 x 52 mm
Weight	440 g	566 g
Typical radio free-field range	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 supported	✓	✓
Stand-alone operation supported	✓ In combination with the wall thermostat WTH-B (WTH-B without Change Over function)	✓ In combination with the wall thermostat WTH-B (WTH-B without Change Over function)
Operation on the device supported	✓ (for installation and test purposes)	✓ (for installation and test purposes)
Number of heating profiles	3	3
Compatible with Amazon Alexa	✓	✓
Compatible with Google Assistant	✓	✓

* For connecting two heating circuits to one heating zone, every second heating zone is provided with double clamping points.