

Data Sheet

Hard-Wired Floor Heating Controls

FH-WC Connection Box - 230 VAC output

Application



FH-WC is a connection box for use in hydronic floor heating systems supplied from a manifold.

FH-WC is a wiring center for connecting thermal actuators to the room thermostats. It is provided with two potential-free relays for controlling a circulation pump and a boiler. The relays are activated when one or more thermostats require heat.

FH-WC has 8 available outputs.


FH-WC is connected to 230 VAC/50 Hz.

Mounting is made easy due to the symbols printed on the screw terminals.

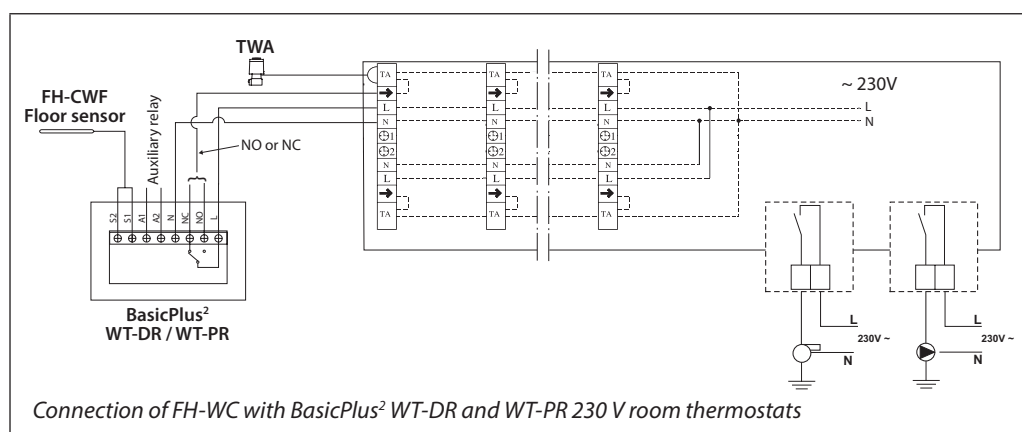
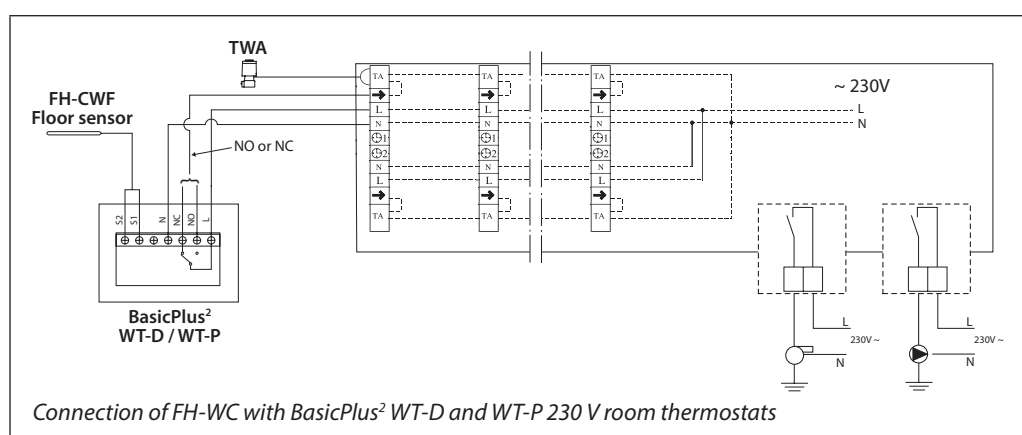
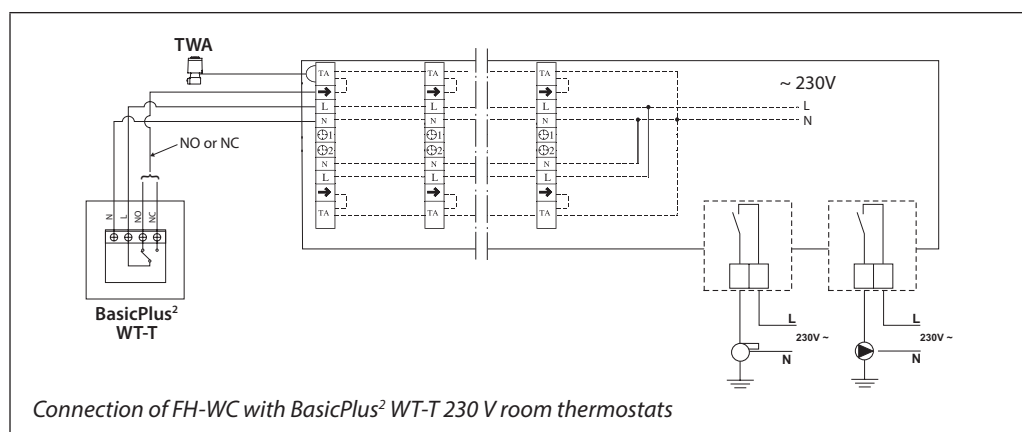
Ordering

Product	Type	Supply voltage	Output voltage	Actuator, type/no.	Code no.
Connection box with power cord and plug	FH-WC	230 VAC	230 VAC	NC/16	088H0016

Technical specifications

Power supply	230 VAC \pm 10%
Number of outputs	8
Output voltage	230 VAC
Max. load per output	3 W (max. 2 actuators per output)
Pump and boiler relay	Max. load 230 VAC (2A)
Ambient temperature	0 - 50° C
Transport temperature	-20 - 60° C
IP class	20
ErP class	 (1%)
Mains cable length	2 m
Weight	1.5 kg
Internal fuse	F 4.0 A

Connection Diagrams

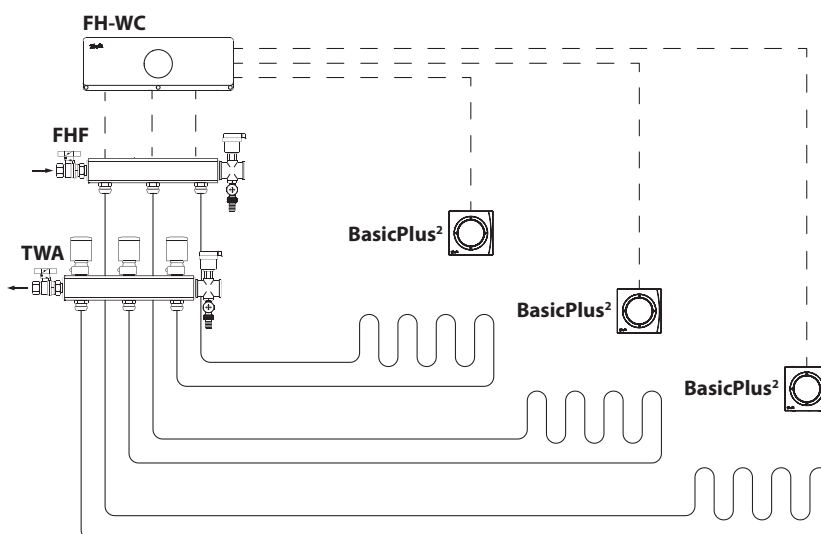


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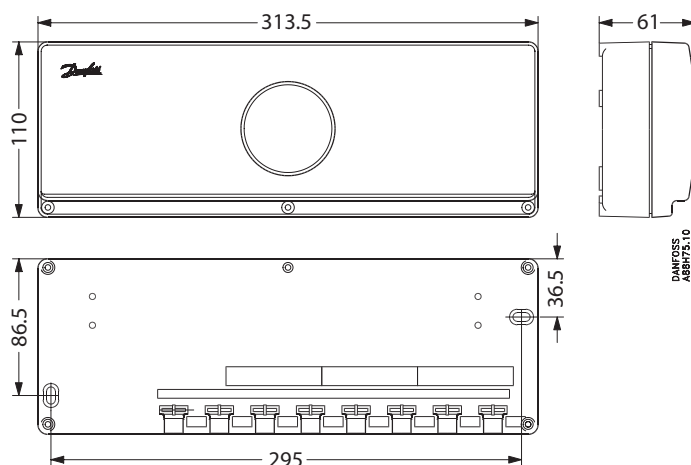
If the Normally Open (NO) output from BasicPlus² is used for pump or boiler relay, the function of the relay will be inverted.

For further information on the BasicPlus² range of room thermostats, see the appropriate data sheet.

System Layout



Dimensions



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