

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

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

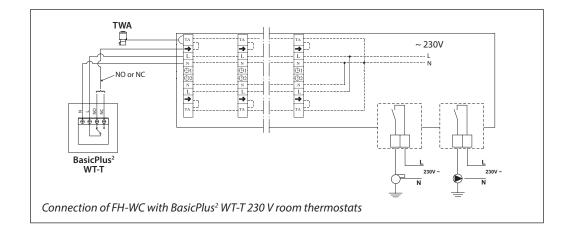
Product	Туре	Supply voltage	Output voltage	Actuator, type/no.	Code no.
Connection box with power cord and plug	FH-WC	230 VAC	230 VAC	NC/16	088H0016

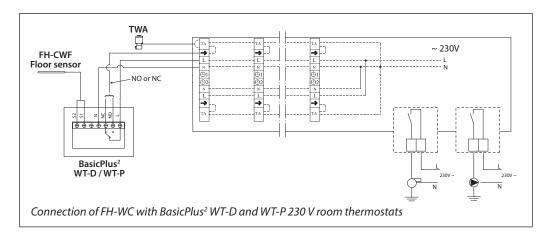
Technical specifications

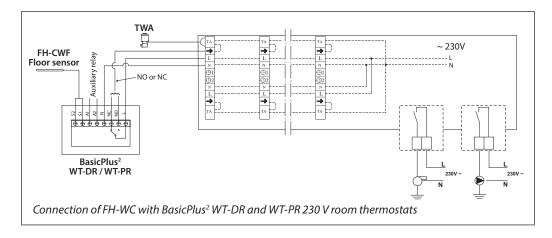
Power supply	230 VAC ± 10%	
Number of outputs	8	
Output voltage	230 VAC	
Max. load per output	3 W (max. 2 actuators per output)	
Pump and boiler relay	Max. load 230 VAC (2A)	
Ambient temperature	0 - 50° C	
Transport temperature	-20 - 60° C	
IP class	20	
ErP class	ErP Product 1 (1%)	
Mains cable length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



Connection Diagrams







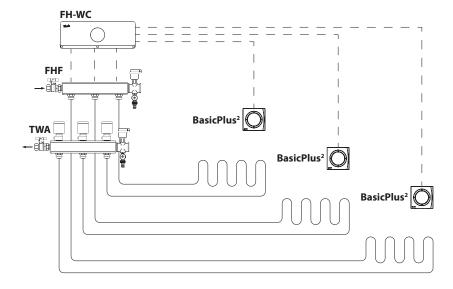
Please note!

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

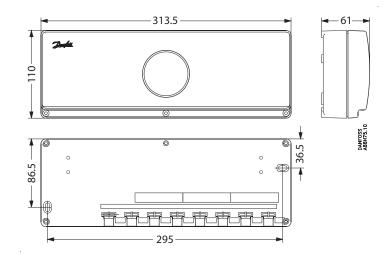
For further information on the BasicPlus² range of room thermostats, see the appropriate data sheet.



System Layout



Dimensions





Danfoss A/S

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