

**Data Sheet**

# Hard-Wired Floor Heating Controls

## **FH-WC Connection Box - 24 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 up to 10 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 is connected to 230 VAC/50 Hz.

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

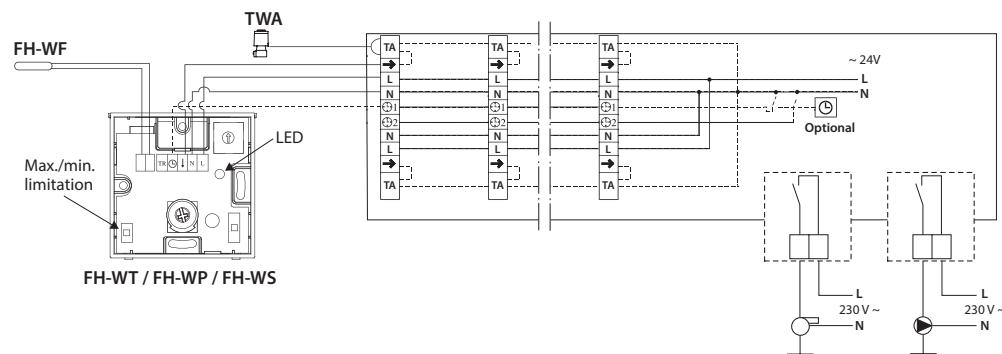
**Ordering**

Product	Type	Supply voltage	Output voltage	Actuator, type/no.	Code no.
Connection box with power cord and plug	FH-WC	230 VAC	24 VAC	NC/10	<b>088H0017</b>

**Technical specifications**

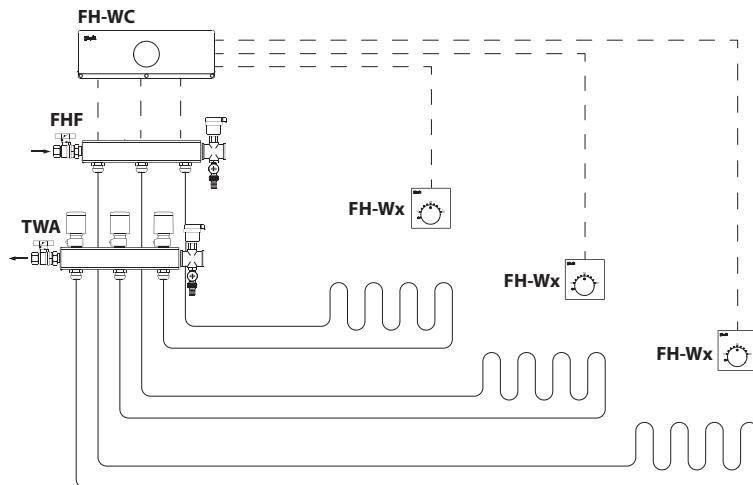
Power supply	230 VAC $\pm$ 10%
Number of outputs	10
Output voltage	24 VAC
Max load per output	3 W (only 1 actuator per output)
Pump and boiler relay	Max. load 230 VAC (2A)
Ambient temperatur	0 - 50° C
Transport temperature	-20 - 60° C
IP class	22
ErP class	 (1%)
Mains cable	2 m
Weight	1.5 kg
Internal fuse	F 0.2 A

## Connection Diagram

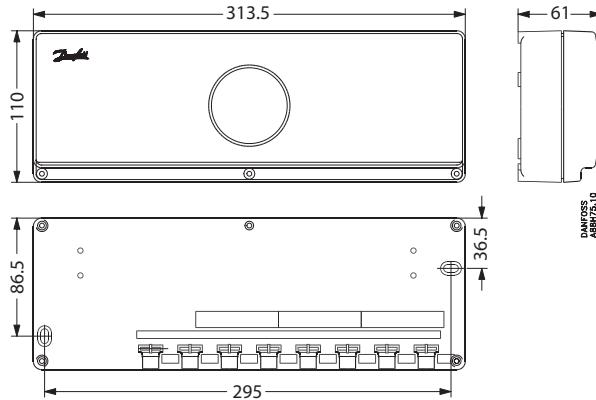


Connection of FH-WC to FH-WT/-WP/-WS 24 V room thermostats (see appropriate data sheet for further information).

## System Layout



## Dimensions



## Danfoss A/S

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