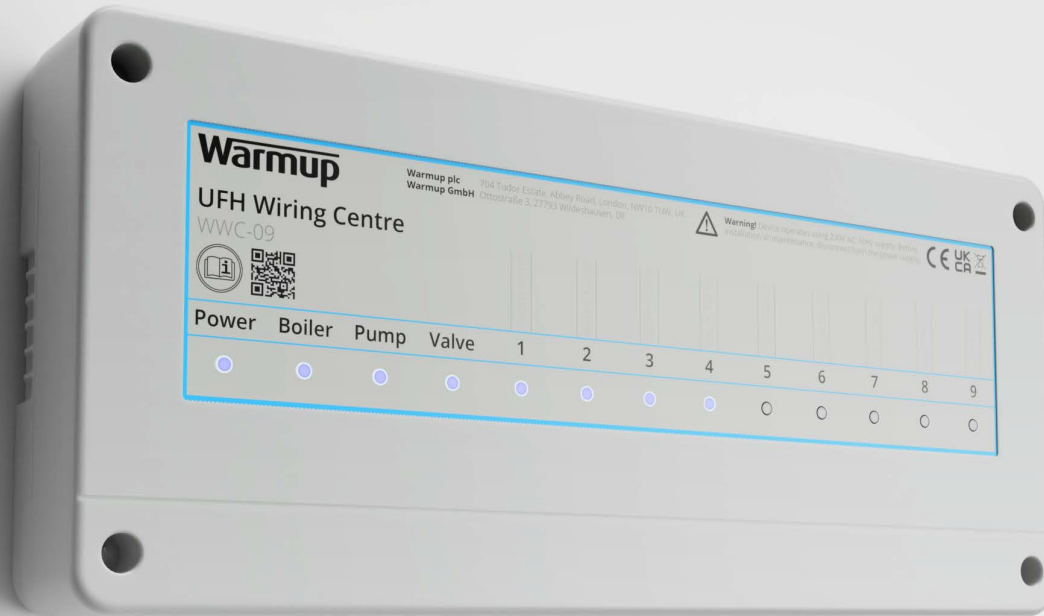


Warmup UFH Wiring Centre

WWC-09



Hybrid installations

Allows for installs of up to 9 UFH zones, with 2 of the zones being configurable to control radiators and domestic hot water.

Dedicated terminals

Warmup's Wiring Centre has dedicated wire terminals (open by default) including earth, orange and grey terminals for zone valves allowing for a faster, cleaner installation.

Commissioning switches for every zone

Simulates a call for heat in this zone to check the status of the actuator(s), valve, circulator and heat source allowing for prompt troubleshooting and maintenance.

Delayed start

Features a 90 second delayed start on the heat source to allow the UFH actuators to open fully, reducing energy wastage and preventing heat source short cycling.

Overview

Warmup's Wiring Centre has been expertly designed for a more efficient heating installation in projects of all sizes. The Wiring Centre allows for installs of up to 9 UFH zones, with 2 of the zones being configurable to control radiators and domestic hot water.

It features dedicated terminals, which are open by default, including earth, orange and grey terminals for zone valves allowing for a faster, cleaner installation. Each zone has a commissioning test switch which simulates a call for heat in this zone to check the status of the actuator(s), valve, circulator and heat source allowing for quick troubleshooting and maintenance.

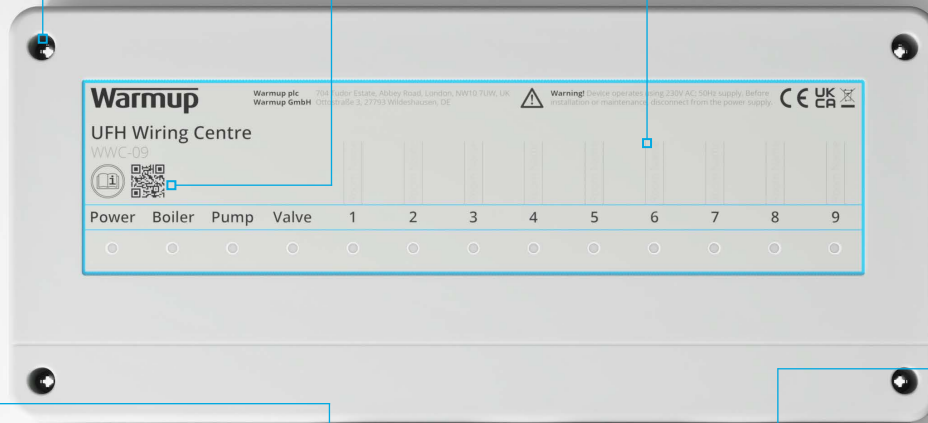
Unlike other wiring centres on the market, Warmup's Wiring Centre provides an optional 90 second delay for the heat source, allowing the UFH actuators to open fully, which prevents short cycling and energy wastage, resulting in energy-savings for the end-user.

The Wiring Centre is compatible with all Warmup thermostats, S3 Mixing Unit and actuators for a fully integrated system. Additionally, if installed together the Wiring Centre comes with a market leading 12 year warranty.

Captive case screws x 4
Prevents lost screws

Installation manual QR-Code
Links to landing page for country specific manuals

Room name markers
Allows each zone to be labelled during installation



Reversible cable strain relief clamps x7

90 second delayed start function
Allows time for slow acting actuators to fully open

Wall mounting location x 4
Includes 4 wall screws & plugs (+ extra set)

LED indicators
Shows each output(s) activity for easier diagnostics

Fuse
F 2A L 250V (+ 1 extra)

Power supply terminals
230 V AC; 50Hz

Heat source terminals

Circulator terminals

Zone valve terminals
Remove zone valve bridge if connecting a zone valve

Zone test switches
Simulates a call for heat in this zone to check the status of the actuator, valve, circulator and heat source

Zone valve bridge

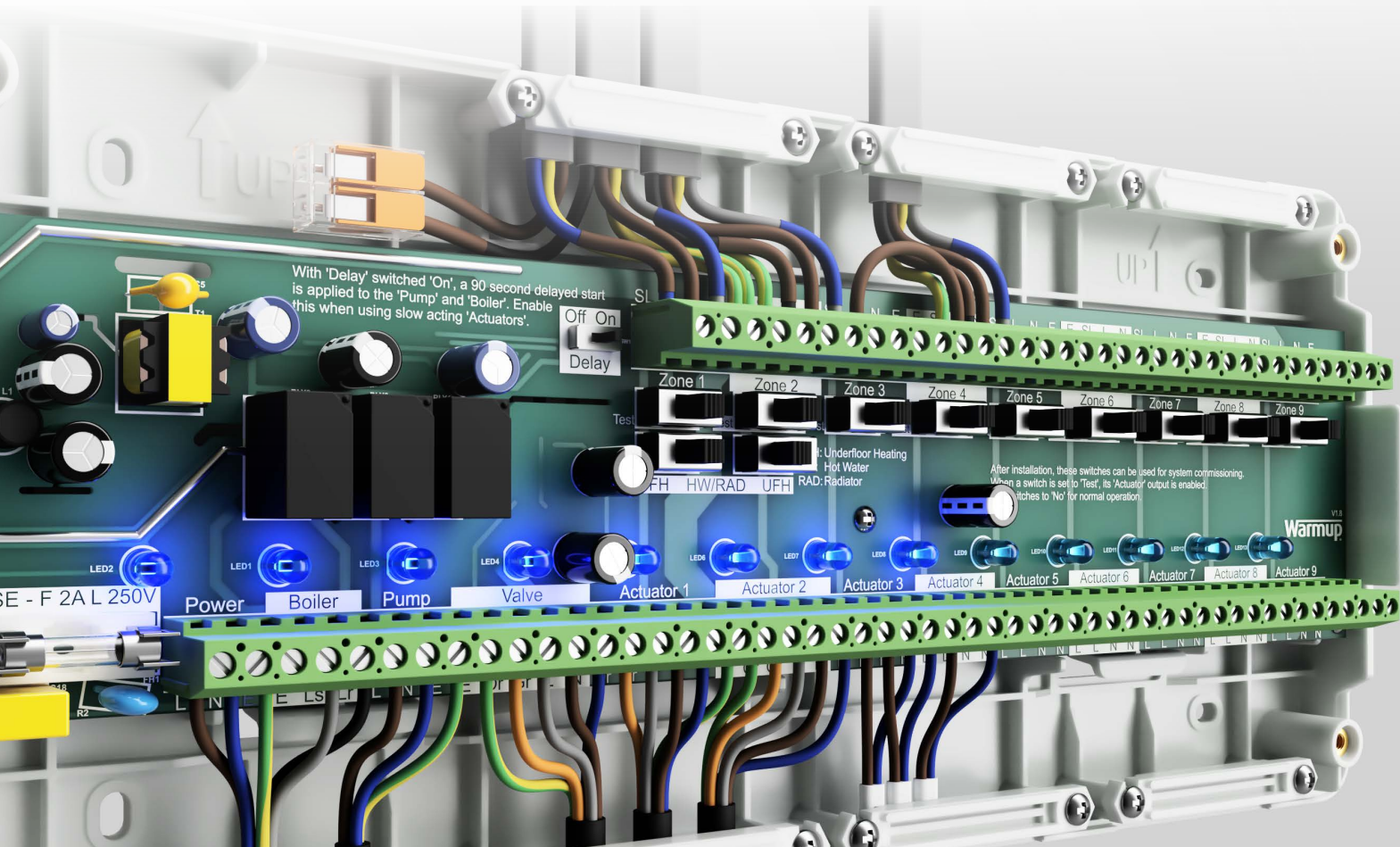
Actuator 1/2 terminals
Can be used to control underfloor heating, hot water / radiator circuits

DIN rail clips x2

Zones 1-9 thermostat / programmer terminals
Thermostat connections for underfloor heating / radiators or programmer for hot water

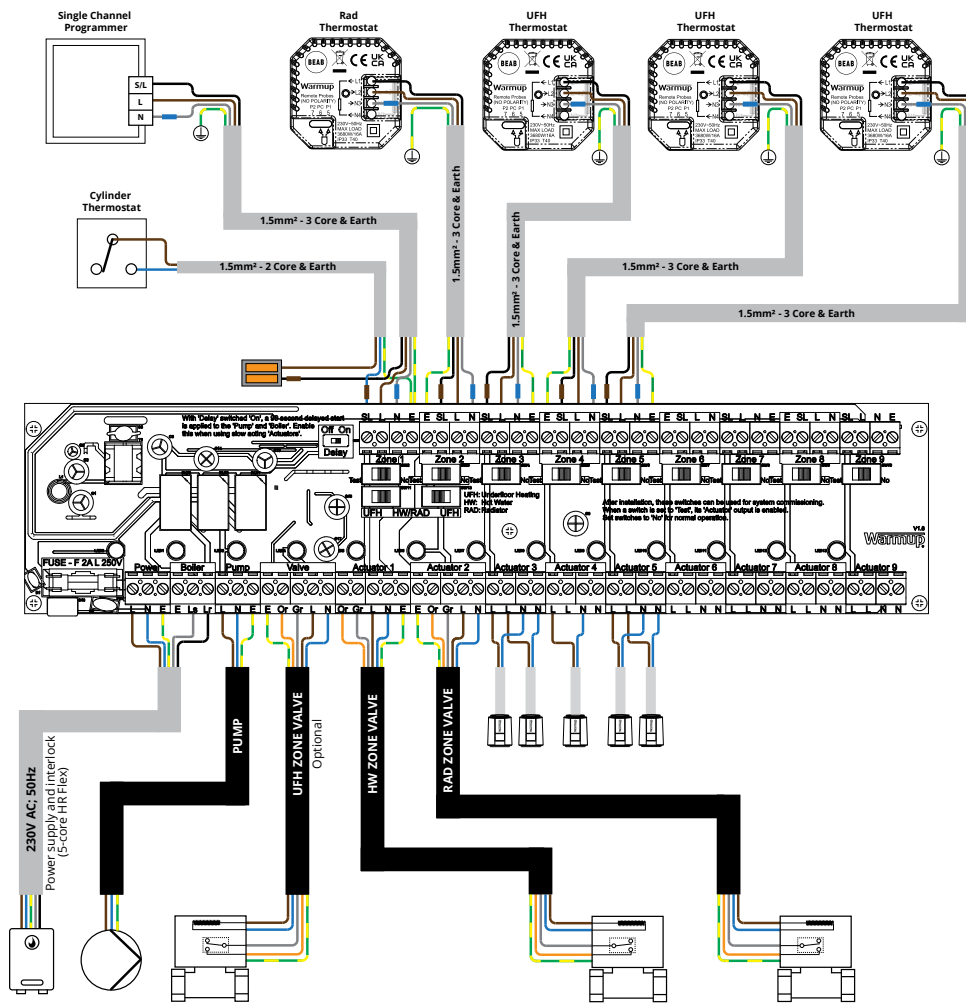
Zone 1/2 mode selects
Switch between underfloor heating, hot water / radiator

Actuator 3-9 terminals
For connection to underfloor heating actuators

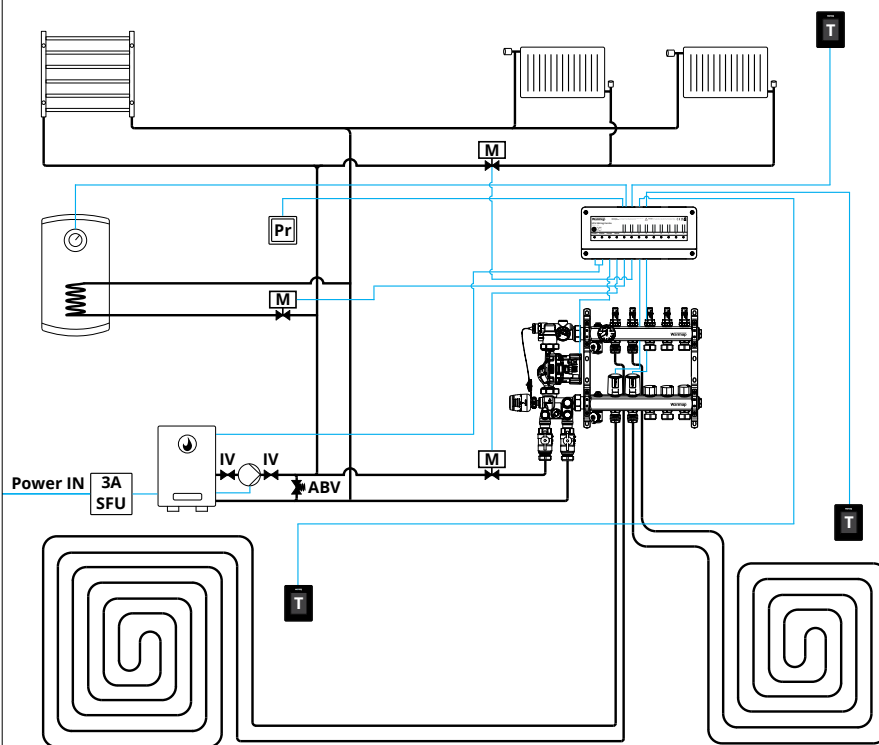


Typical installation
















Wiring schematic



Plumbing schematic



Legend

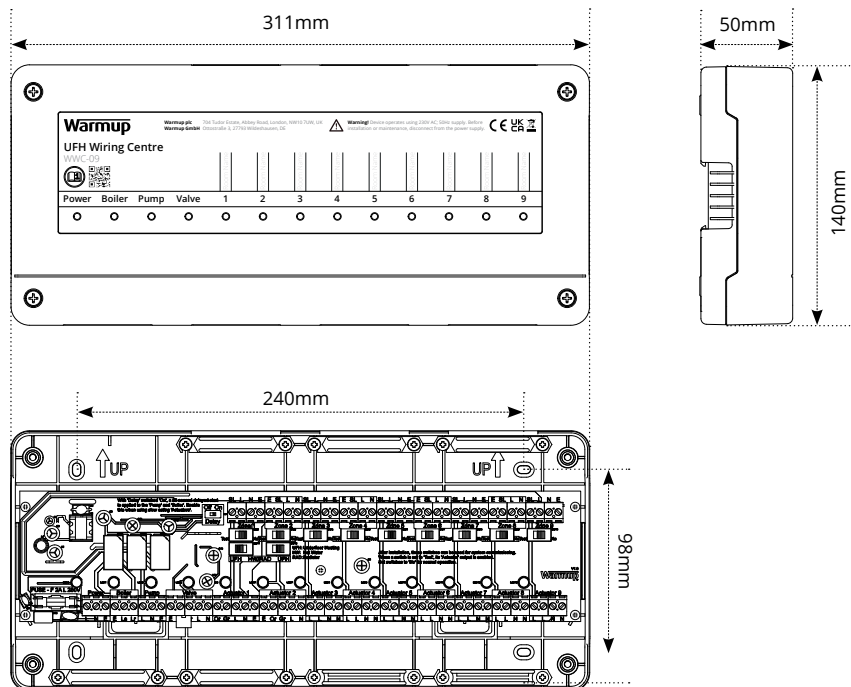
-  Heated towel rail
-  Cylinder thermostat
-  Hot water cylinder
-  3A Switched Fuse Spur
-  Underfloor heating
-  Heat source
-  Isolation Valve
-  Circulator
-  Hot water programmer
-  Motorised zone valve
-  Automatic by-pass valve
-  Thermostat
-  Radiators
-  UFH Wiring centre (WWC-09)
-  S3 Manifold, mixing unit and isolation valves

Technical specifications

UFH Wiring Centre (WWC-09)

Operating voltage	230V AC; 50Hz	Max. of hybrid zones	2 (HW/RADS)
Max. total load	2A resistive	Boiler	3A Resistive
Overload protection	3A (Use external 3A MCB's, RCBO's or fuses for this purpose)	Pump	0.6A Resistive (0.6A inductive resistance of the motor)
Fuse	F 2A L 250V 5x20mm	Valve	0.2A Resistive
Protection	Class I	Actuators	0.1A Resistive
IP rating	IP20	Storage temperature	-10°C to +50°C
Operating temperature	0 - 45°C, T45	DIN-rail mounting	Yes
Wire size	1.0 - 2.5mm ²	Commissioning switches	9
Max. number of zones	9	Delayed start	90 seconds; switchable

Dimensions



Contact

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