

Calda

Wiring Controls

230V

Calda Wiring Centre provides a reliable, user-friendly solution for managing underfloor heating systems with precision and efficiency. Designed to meet modern heating demands, the wiring centre integrates advanced features to ensure seamless operation, ease of installation, and compatibility with a wide range of heating applications.



Technical Specification: Wiring Centre

Power Supply: 230V AC / 50Hz
Output Capacity: Supports up to 16 actuators (2 per zone)
Zones: 8 zones standard, expandable with additional modules
Pump Output: Max. load 5A
Valve Compatibility: 2-wire or 4-wire actuators
Boiler Output - Passive output
Thermostat Support: Compatible with both digital and analog thermostats, including smart thermostats
Temperature Range: 5°C to 45°C operating range
Ingress Protection: IP30-rated enclosure
Dimensions: 280mm x 150mm x 60mm
Weight: 1.2kg



Actuator:

Frequency: 50hz
Spindle Time: 3-5Min
Stroke: 3-5Min
Ambient Temperature: -5C to 60C
Enclosure: IP54
Cable length: 800-1000mm

Modular Design: Streamlined setup with labeled terminals for fast and error-free installation.

Enhanced Connectivity: Compatible with a wide range of thermostats, including smart and programmable options.

LED Indicators: Built-in LED status lights for quick diagnostics and system monitoring.

Pump and Valve Control: Intelligent control for managing both manifold valves and system pumps, ensuring optimal energy efficiency.

Capacity: Supports up to 8 zones

Safety Features: Overload protection and fault detection for enhanced safety and reliability.