



The CB500CO Control Box

Advanced Heating and Cooling Control

An advanced control solution for 230V heating and cooling systems, providing efficient multi-zone management with automatic mode switching and enhanced safety features.

Key Features:

230V Power Supply: Designed specifically for 230V applications, ensuring seamless integration with your heating and cooling systems.

Automatic Mode Switching: The CB500CO effortlessly switches between heating and cooling modes based on the input from your heat pump or thermostat, ensuring optimal comfort year-round.

Dew Point Protection: With built-in dew point sensing, the system prevents potential damage from condensation in cooling mode, safeguarding your flooring.

High-Capacity Control: Manage up to 20 actuators and 5 thermostats, making it suitable for extensive underfloor heating and cooling setups. Expandability is supported through additional CB500X modules, covering large areas with ease.

Enhanced Safety: Features an earth terminal for the power supply and circulation pump, providing an added layer of protection for your system.

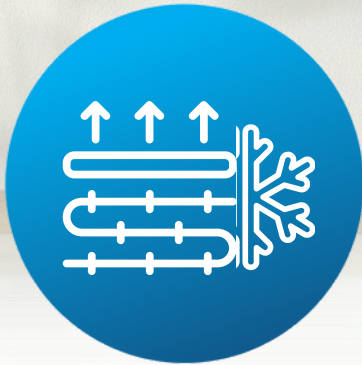


Find out more:



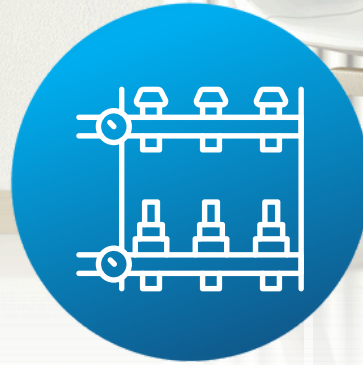
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Applications



Underfloor Heating and Cooling

Perfect for multi-zone control in underfloor systems. The CB500CO pairs seamlessly with the SQ610 thermostat and other 230V thermostats, ensuring comprehensive system management.



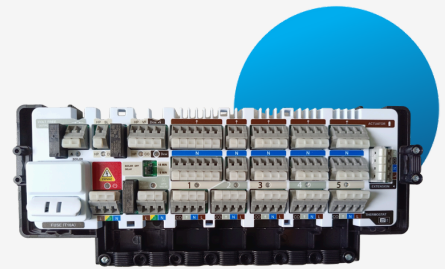
Manifold Systems

Controls up to 20 actuators, making it ideal for extensive manifold applications in both residential and commercial settings.

Design Highlights

Push-in Contacts: Quick and easy installation with push-in contacts, reducing setup time.

Flexible Inputs: Includes both volt-free and 230V inputs, compatible with various heat pumps and systems.



On/Off Relay: Control your boiler or heat pump with the integrated volt-free relay, complete with an adjustable delay for optimal operation.

Compact Dimensions: The CB500CO's sleek design (270 x 110 x 55 mm) fits neatly into your control setup, while maintaining robust functionality.

Why Choose the CB500CO?

Reliability: Constructed with high-quality materials and engineered to comply with strict EU directives.

Ease of Use: User-friendly design and clear LED indicators make monitoring and controlling your system effortless.

Future-Proof: With the ability to expand and integrate additional modules, the CB500CO ensures your system can grow with your needs.