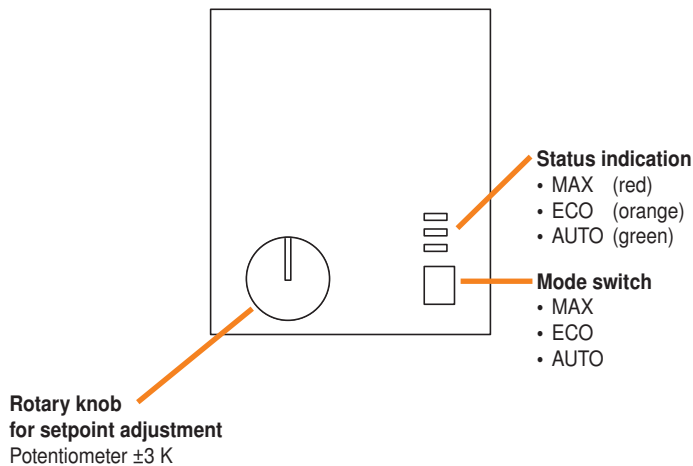


Operator level 1 – Operation

Operating mode / Setpoint

CR24-B.. only



Mode switch and status indication

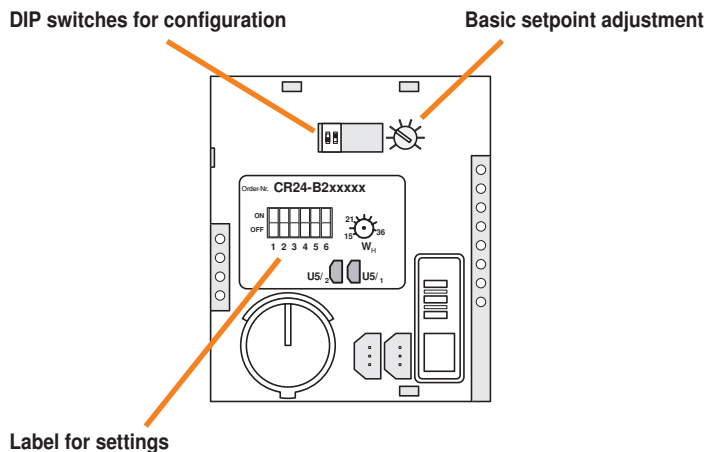
There are three possible operating modes:

- **AUTO – optimum comfort mode**
The room is heated, cooled or ventilated with the highest level of comfort, providing this is permitted by the external control signals. All the control functions (sequence control, boost function) are enabled.
- **ECO – optimum energy mode**
The room is heated, cooled or ventilated with the stand-by settings, providing this is permitted by the external control signals. The heating setpoint is reduced in this mode (-2 K) and the cooling setpoint is increased ($+3$ K). The room can be changed from "optimum energy" to "optimum comfort" in a very short time. Sequence control and the boost function are enabled. ECO mode is intended for rooms that are only irregularly occupied resp. at reduced demand.
- **MAX – boost function**
The room is ventilated with the maximum air volume or heated or cooled with the maximum capacity, providing this is permitted by the external control signals. Sequence control is disabled, but the boost and ventilation functions are active.
The boost function gets deactivated:
– timer elapsed
– setpoint reached (VAV fix 15 minutes)
– change to another mode (AUTO or ECO)

Operator level 2 – Configuration

Application / Parameters

all CR24-..



DIP switches for configuration

DIP switches 1 and 2 (CR24-B1, BR24-B2 and CR24-B2E) or 1 to 6 (CR24-B3)

Basic setpoint adjustment

Potentiometer 15...36°C (default 21°C)

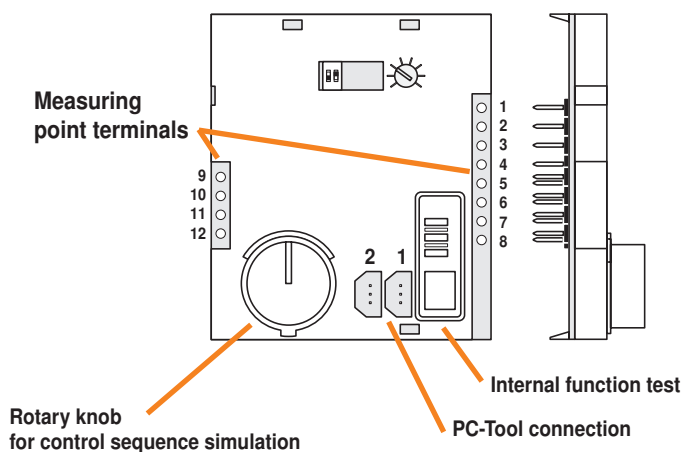
Label for settings

Used to record the selected settings (DIP switches and basic setpoint).

Operator level 3 – Service

Test / Simulation

all CR24-..



Measuring point terminals

Measuring points for all terminals (also during operation).

Internal function test

A comprehensive internal function test, including a nominal voltage test (AC 24 V), can be started for the controller with the mode switch. The three LEDs (status indication) indicate the voltage level and the states.

Control sequence simulation

The connected actuators, and thus also the heating and cooling control sequences, can be simulated independently of the room temperature with the rotary knob for adjusting the setpoint.

PC-Tool connection

Diagnostics sockets 1 and 2 are used for PP communication with the connected Belimo MFT actuators or VAV controllers. As a result, physical access to the field devices can be dispensed with.