

# climate and ventilation controller KST-20 Calima

## User-independent, compact climate control KST-20 Calima for ventilation and room dehumidification

- ☑ Automatic, controlled climate control with aH-Controlled technology
- ☑ Two operating modes: ventilation according to DIN 1946-6, room dehumidification as a function of absolute humidity
- ☑ Greatly simplified installation and commissioning
- ☑ Switches a variety of fans, ventilators and other actuators



## Technical data

### Features

Power supply	230V AC
Dimensions	220x220x50.5mm (LxWxH)
Housing	NET-BOX Plastic housing, grey
Protection class	IP65
Type of installation	Wall mounting

### Conditions of use

Operating temperature	0...50°C
EMV / ESD	EN 50082-1, EN 50082-2

### Measuring range humidity and temperature

Measuring range humidity	0...100% rF
Measuring accuracy humidity	± 2%
Measuring range temperature	-40...+80°C
Measurement accuracy temperature	± 0,2°C
Signal output	I <sup>2</sup> C

## Connection options

- ☑ Two control or switching outputs up to maximum 500W
- ☑ The following devices can be connected
  - ☑ 1-stage ventilation fans
  - ☑ 2-stage ventilation fans
  - ☑ Speed controlled fans (0...10VDC)

## Operating modes & functions

- ☑ Room ventilation conforming to standard DIN 1946-6
- ☑ Room humidity as a function of absolute humidity
- ☑ Manual ventilation process by pressing a key
- ☑ Protection against drying out of the room: Drying protection
- ☑ Protection against cooling of the room: Frost protection
- ☑ Time switch with active and passive times

Technical changes reserved

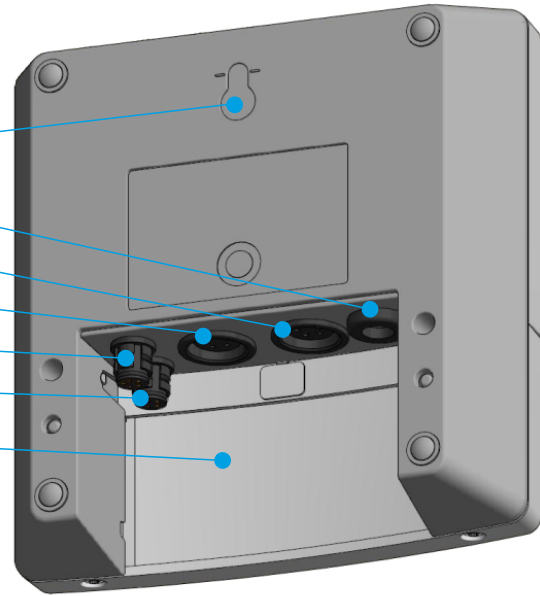
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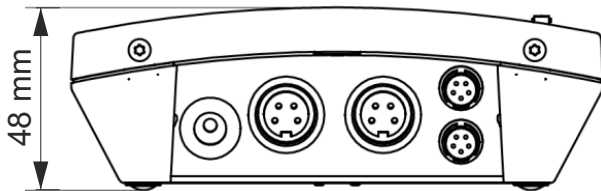
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## Housing and electronics

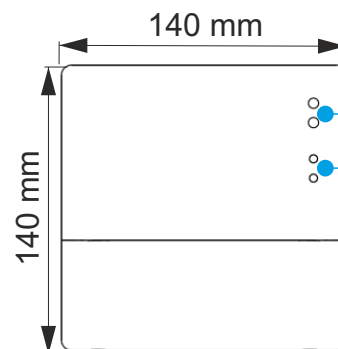
- Mounting bracket
- Power supply
- Control or switching output 1
- Control or switching output 2
- Connection outdoor climate sensor
- Connection indoor climate sensor
- removable visor



View: back side



View: connections



View: front side

## Order

### Scope of delivery

climate controller KST-20 Calima
Indoor climate sensor
Separate Outdoor climate sensor with 10m cable length
Power cord
Handbook

### Order options

Separate Indoor climate Sensor with 2,5m; 5m oder 10m length

Technical changes reserved

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