

Typ: RTBSB-001.110



Art.-No.: MA012701

Features:

Raumtemperaturregler, mechanisch, AP, 5...30°C, Wechsler, 230VAC 10(4)A bzw. 24 VAC 2(2)A Heizen, 230VAC 5(2) A bzw. 24 VAC 2(2)A Kühlen, reinweiß ähnlich RAL 9010

Application:

Control or monitoring of temperatures in closed spaces. Suitable for all heating systems.

Valve actuator: normally closed. If normally open heating valves are available, they should be placed at the cooling output of the changeover switch (toggler).

Up to a maximum of 10 actuators for valves can be connected (normally closed, NC); with a toggler, on the NO contact, up to 5 units (in this context, please check the switching capacity listed in the technical specifications).

Installation note: Owing to the existing wiring space in the controller itself, installation on a flush-mounted socket is recommended, but it can also be performed on a plane, non-conducting substrate.

Explanations of technical terms can be found in the annexe to the product catalogue or at www.alre.de.

Technical Data:

| | |
|--------------------------|---|
| Dimensions of housing: | 78,3 x 25,5 x 83,4 mm |
| Dimensions of packaging: | 85 x 35 x 85 mm |
| Number of outputs: | 2 |
| Number, control range: | 1 |
| Output signal: | Heizen, schaltend (230 VAC, 50 Hz bzw. 24 VAC, 50 Hz) |

| | |
|----------------------------|---|
| Output signal: | Kühlen, schaltend (230 VAC, 50 Hz bzw. 24 VAC, 50 Hz) |
| External setting: | yes |
| Operating voltage: | 230 VAC, 50 Hz oder 24 VAC, 50 Hz |
| Design: | Berlin 2000 |
| average power consumption: | |
| setting range to: | 30 |
| setting range from: | 5 |
| Electrical connection: | Schraubklemmen 0,12 mm ² bis 2,5 mm ² |
| Colour of housing: | reinweiß, ähnlich RAL 9010 |
| Sensor: | Bimetall |
| Weight: | ca. 100 g |
| Output, heating: | yes |
| Hysteresis: | ca. 0,5 K bei einer Temperaturänderung von max. 4 K / h |
| Output, cooling: | yes |
| Storage temperature: | -20...+70 °C |
| Material of housing: | Kunststoff ABS |
| max. switching voltage: | 230 VAC, 50 Hz |
| max. switching current: | Heizen (Klemme 3) 230VAC 10 (4) A bzw. 24 VAC 2 (2) A, Kühlen (Klemme 1) 5 (2) A bzw. 24 VAC 2 (2) A |
| mechanical range setting: | yes |
| Medium: | Luft, nicht aggressiv |
| min. switching voltage: | 24 VAC, 50 Hz |
| Installation/fastening: | Aufputz- / Wandmontage (4-Loch-Befestigung auf UP-Dose) |
| Surface quality: | matt |
| potential-free: | no |
| Control range up to: | 30 |
| Control range from: | 5 |
| Control function: | Heizen oder Kühlen |
| Switching element: | Bimetallkontakt |
| Switching contact: | Umschalter |
| Switching power: | Klemme 3: 2300 W bei 230 VAC, 48 W bei 24 VAC, Klemme 1: 1150 W, 48 W bei 24 VAC |
| Degree of protection: | IP 30 |
| Protection class: | II, nach entsprechender Montage, bei 24 V Schutzklasse III |
| Safety and EMC: | gemäß DIN EN 60730 |
| Scale - degrees Celsius: | yes |
| Set point adjuster: | yes |
| Part Air Conditioning: | yes |
| Thermal feedback: | yes |
| Ambient temperature up to: | 30 |
| Ambient temperature from: | 0 |
| other/similar items: | weitere Regler mit Ausgängen für Heizen / Kühlen finden Sie unter Klimatechnik |
| Accessories: | Klemmenleisten: VOORL passende Ventilstellantriebe: ZBOOA |

Permissible atmospheric humidity: max. 95% r. H., nicht kondensierend

Circuit Diagram:

