



## RTR ZGS M Z-ST B.1 ALU

20441404

### Functions

- timer for changing the temperature by the hour
- with valve protection function
- Operating hours meter or energy consumption display adjustable
- with access protection
- with frost protection function
- with switchover manual/automatic mode

### Controls and indicators

- operating languages are adjustable: German, English, Dutch or French
- large, backlight display with text display

### Main electrical features

Rated voltage	230 V AC
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### Electric current

Switching current	10 mA ... 10 (4) A
Switching current at $\cos \varphi = 0.6$	max. 4 A

### Power

Power consumption	~ 1.2 W
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### Battery

Lithium cell power reserve [years]	~ 10
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### Detection

- with integrated temperature sensor

### Materials

Colour of design line	aluminium
Colour	aluminium
Material / workmanship	lacquered

#### Dimensions

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Insertion depth	25 mm
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#### Installation, mounting

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- without spreader claws

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#### Connection

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- with additional connection for external floor temperature sensor/remote sensor  
- with screw terminals

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#### Settings

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- with automatic summer-/winter time switching (can be switched off)  
- programmable with operating unit removed  
- 3 preset time programmes, individually adjustable  
- max. 9 switching times per weekday  
- 3 blocks of days: Mon-Fri, Sat-Sun, Mon-Sun  
- holiday programme with date activation

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#### Equipment

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- with self-teaching heating curve  
- for heating or cooling mode  
- for room and floor heaters  
- for underfloor heating control using room and/or floor temperature possible  
- PWM cycle time and hysteresis (for two-point control) settable  
- control process PWM or 2-point (on/off) can be selected  
- type of actuator (currentless closed/open) adjustable

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#### Use

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- Time-controlled

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#### Use conditions

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- temperature control range adjustable  
- with thermal return via software

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#### Identification

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Application, usage	HVAC control
Main design line	Berker S.1/B.3/B.7

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