

DeltaSol® BS/4



rosenthal design 

cTUVus certified!

The RESOL DeltaSol® BS/4 controller is a simple differential controller used in standard solar thermal systems. It is equipped with the system-monitoring-display that allows the user to view the status of the system. The controller offers a heat dump system layout and a drainback option including a booster function. The controller is equipped with 2 semiconductor relays and offers pump speed control for the solar pump. Adjustment and control of the solar system can be easily carried out.

Unit °F and °C selectable!

RESOL DeltaSol® BS/4

Solar controller for simple solar and heating systems

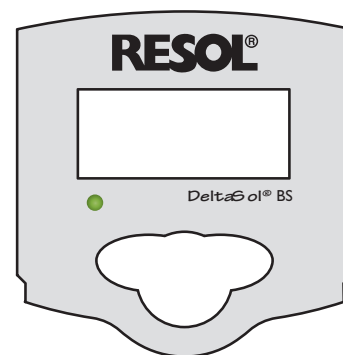
Article no.: 115 456 07

RESOL DeltaSol® BS/4 - Full kit

Solar controller for simple solar and heating systems
incl. 3 Pt1000 sensors (1 × FKP6, 2 × FRP6)

Article no.: 115 456 17

- Illuminated system-monitoring-display
- Up to 4 Pt1000 temperature sensors
- Solar operating hours counter
- Thermostat function
- 3 basic system layouts to choose from
- Energy metering
- Evacuated tube collector function
- Drainback option including booster function
- Heat dump system layout
- Function control
- RESOL VBus®
- Programming and remote control of the system via RESOL ServiceCenter Software possible
- Housing with outstanding design
- User-friendly operation
- Pump speed control



The controller can be branded with your own logo.
Please contact our sales team.

Accessory

RESOL SP10

Overvoltage protection device placed in housing with outstanding design, suitable for mounting outdoors. We generally recommend installing the overvoltage protection in order to avoid overvoltage damage at collector sensors, e.g. caused by local lightning storms.



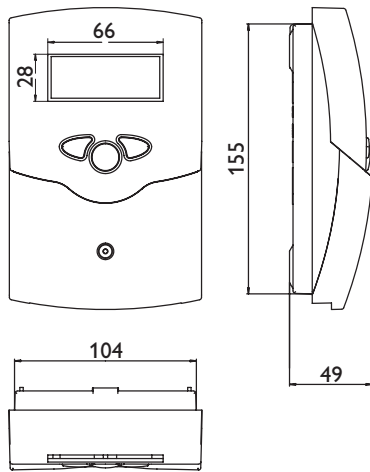
RESOL SP10

Sensor overvoltage protection

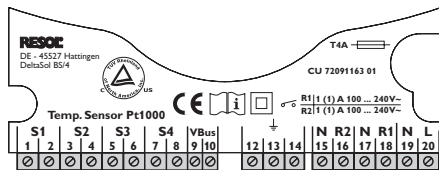
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For an overview of accessories see page 46-47!

Technical data



Electrical connection



Housing: plastic, PC-ABS and PMMA

Protection type: IP 20/EN 60529

Ambient temperature: 0 ... 40 °C / 32 ... 104 °F

Size: 172 × 110 × 49 mm / 6.77" × 4.33" × 1.92"

Installation:

wall mounting, mounting into patch panels is possible

Display: system-monitoring for visualization of systems, 16-segment- and 7-segment display, 8 symbols for indication of system status and operating control lamp

Operation:

by 3 push buttons at the front of the housing

Functions: differential temperature controller with adjustable system functions: function control, solar operating hours counter for solar pump, drainback option including booster function, heat dump function and pump speed control

Inputs: 4 Pt1000 temperature sensors

Output: 2 semiconductor relays

Bus: RESOLVBus®

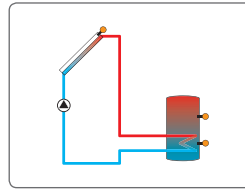
Power supply: 100 ... 240 V~

Power consumption: < 1W (standby)

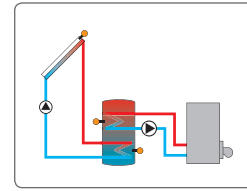
Switching capacities:

1 (1) A 100 ... 240 V~
(semiconductor relay)

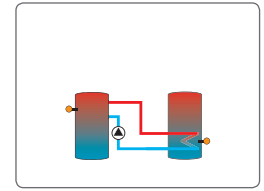
Examples



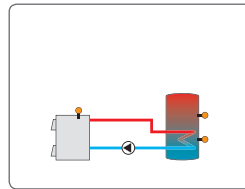
Solar system with 1 tank



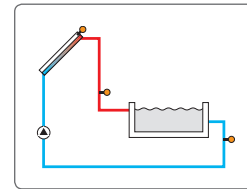
Solar system with 1 tank and thermostat for back-up heating



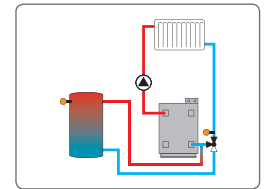
* Heat exchange controller



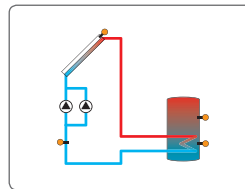
* Solid fuel boiler



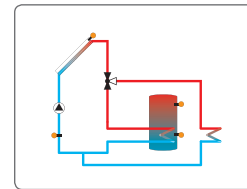
* Solar system with swimming pool



* Heating circuit return temperature offset



Solar system with booster



Solar system with 1 storage and heat dump



* Abstracted display presentation



Safe and rapid connection



Uncomplicated adjustment and control



Illuminated system-monitoring-display



Easy mounting...



... operation



... and service