

DeltaSol® BS Plus



rosenthal design 

The RESOL *DeltaSol*® BS Plus system controller is preprogrammed for different hydraulic layouts and is equipped with energy metering, a realtime clock and RESOLVBus®.

The multi-functional and illuminated display enables system-monitoring for intuitive and safe controller configuration and comprehensive visualisation of the system status. Simple pictograms provide information on function and operating status of the controller and the system.

This version is equipped with 4 inputs for PT1000 temperature sensors, storage temperature limitation and manual operation mode. The central element is the 3-key-field below the display.

System survey:

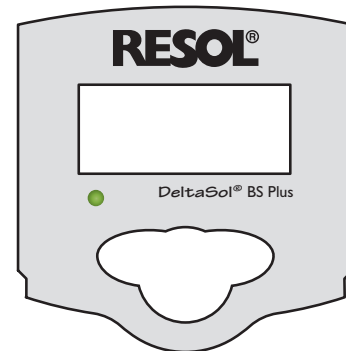
- Arr 1: Standard solar system
- Arr 2: Solar system with heat exchange
- Arr 3: Solar system with back-up control
- Arr 4: Solar system with multi level storage
- Arr 5: 2-tank solar system with valve logic
- Arr 6: 2-tank solar system with pump logic
- Arr 7: Solar system with 2 collectors and 1 tank
- Arr 8: Solar system with back-up heating by solid fuel boiler
- Arr 9: Solar system with heating circuit return preheating

RESOL *DeltaSol*® BS Plus

System controller for simple solar- and heating systems

Article-no.: 115 421 13

- RESOLVBus®
- Thermostat function
- Illuminated system-monitoring-display
- Up to 4 temperature sensors Pt1000
- 2 standard-relay outputs
- 9 basic layouts are selectable
- Energy metering
- Function control
- Programming and remote control of the system via RESOL ServiceCenter Software possible



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

Accessory

RESOL SP1

Connecting box with overvoltage protection diodes, designed for weatherproof installation (IP 65).

RESOL SP1

Sensor-overvoltage protection

Article-no.: 180 110 10

DFA2

RESOL remote data displays are used for clear and comfortable temperature-, function- and malfunction control of solar- and heating systems. Simple connection to *DeltaSol*® BS Plus via RESOLVBus®.



RESOL DFA2

Data remote control

Article-no.: 180 002 60

Solar- and differential temperature controllers

The RESOL VBus® is a two-wire bus, which allows RESOL controllers and additional modules to interchange data. This data is either purely informative or can be used for control purposes. In addition, it is possible to feed bus-stations with electric energy, provided that their current consumption is low enough (e. g. remote data display); thereby, a special energy supply of the controller is no longer necessary.

The RESOL controllers of the latest generation are all equipped with connection possibilities for the VBus®. The connections are established by two twisted wires each (e. g. bell wire). Several VBus® modules can be connected in parallel.

RS-COM Interface adapter

The interface adapter enables the connection of a PC to controllers with VBus®-interface. With the enclosed evaluation software, the measured data can be recorded numerically in a log-data file and subsequently be evaluated and visualised using a spreadsheet program. The adapter does not need an external power supply.



Scope of supply:

- 1 x PC-adapter RS-COM
input: 1 x chinch | output: 1 x chinch | 1 x SUB D (25-contact)
- 1 x connection cable RS232, 1 m
- 1 x adapter SUB D (25-contact/9-contact) RS232
- 1 x chinch-cable with 1 chinch-plug, 1,5 m
- 1 x manual
- evaluation software (RSC full or RSC light)

RESOL RS-COM light

PC-connection-set for controller with VBus®, with RSC light

Article-no.: 180 000 23

RESOL RS-COM

PC-connection-set for controller with VBus®, with RSC full version

Article-no.: 180 001 74

USB / RS232 adapter cable



- completely compatible with USB specifications see 1.1
- supports the serial RS232 interface
- up to 230 Kbps data transfer
- supports remote wake-up and power management
- power supply by USB-Bus
- USB A plug to 9-pol. D-Sub plug, cable approx. 35 cm

USB / RS232 adapter cable

USB / RS232 adapter cable - 35 cm, 9-pol. D-Sub plug to USB-A plug

Article-no.: 180 002 40