**DeltaSol® BS Plus**

The RESOL DeltaSol® BS Plus system controller is preprogrammed for different hydraulic layouts and is equipped with energy metering, a real-time clock and RESOL VBus®.

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

**Accessory**

**RESOL SP1**
Connecting box with overvoltage protection diodes, designed for weatherproof installation (IP 65).

<table>
<thead>
<tr>
<th>RESOL SP1</th>
<th>Sensor-overvoltage protection</th>
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<tr>
<td>Article-no.:</td>
<td>180 110 10</td>
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**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 RESOL VBus®.

<table>
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<tr>
<th>RESOL DFA2</th>
<th>Data remote control</th>
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<tr>
<td>Article-no.:</td>
<td>180 002 60</td>
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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 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.

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 aprox. 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

Solar- and differential temperature controllers