Discover our product portfolio
all around solar thermal control technology

Solar controllers  ■  Accessories  ■  VBus® accessories

www.resol.com
SOLAR CONTROLLERS

RESOL products represent innovative technological know-how and high-end design. The product portfolio meets all demands made upon efficient solar thermal systems.

RESOL differential temperature controllers measure the temperatures of collectors and tanks (DHW as well as buffer tanks). By evaluating these measurements, the hot water distribution is efficiently controlled via pumps and valves.

*The cTUVus certification confirms that the controller meets the demands of the UL 60730-1:2009 and CSA B60730.1:2002 standards.

** DeltaSol® MX
- Full graphic display
- Intuitive user guidance and status visualization
- Datalogging onto SD memory card
- 14 relay outputs & 12 sensor inputs
- Drainback option

** DeltaSol® BX
- Extra large display
- Datalogging onto SD memory card
- 4 relay outputs & 7 sensor inputs
- Drainback option
- Speed control of high-efficiency pumps

** DeltaSol® E
- 7 basic systems to choose from
- Internal calorimeter
- 4 heating circuits can be activated
- Pump speed control, solar operating hours counter & energy metering
Our products stimulate the market with in-house innovation. Our development team understands the market needs to produce flexible, practical products. With each RESOL device you acquire a quality product along with first-class service and personal technical support.

**DeltaSol® AL**
- Up to 3 Pt1000 temperature sensors
- Energy metering
- Function control
- Intuitive operating concept
- Extra-low standby power consumption

**DeltaSol® BS**
- Up to 4 Pt1000 temperature sensors
- 3 system layouts to choose from
- Optional pump speed control, operating hours counter, thermostat function & drainback option
- Function control

**DeltaSol® BS Plus**
- Up to 4 Pt1000 temperature sensors
- 10 system layouts to choose from
- Pump speed control, operating hours counter, thermostat function & drainback option
- Function control
ACCESSORIES

RESOL offers a wide range of accessories for all kinds of applications all around your solar thermal or heating system.

The SBS 2000 filling and flushing station is the ideal companion for a solar thermal professional. Different WMZ calorimeters for example help to keep track of the system performance. Innovative software solutions like the VBus.net Internet portal enable a mobile and close-up system monitoring.

**SBS 2000**
- Filling and flushing station for heat transfer fluids and cleaning fluids
- Extra large opening
- Easy-access connection
- Powerful pump

**WMZ & WMZ-G1 calorimeters**
- Yield control
- Increase in efficiency
- Function control
- Configurable control parameters

**Grundfos Direct Sensors™**
- Available in digital and analog versions
- One sensor, two measured quantities
- Incl. fitting and connection cable
- Ultra-fast and precise measurement through direct fluid contact
- No moving parts – no mechanical wear
**VBUS® ACCESSORIES**

The RESOL VBus® enables the communication between controllers and additional modules. In our broad range of accessories, system visualization plays a major role.

In order to meet the need to make the solar heat gained visible, RESOL offers a number of different display units.

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**DL2 Datalogger**
- Visualization of system states
- Yield monitoring
- Easy error diagnostics
- Easy configuration by integrated web interface for standard internet browsers

**DL3 Datalogger**
- BACnet functionality for BACnet-conform sending and receiving of data
- Internet access via VBus.net – without any tedious router configuration
- Readout of controller data via integrated Web interface

**SD3 Smart Display**
- Visualization of collector & tank temperature as well as of heat quantity
- Simple connection & power supply via VBus®
Internet access to your solar thermal and heating system with just a few clicks

www.vbus.net
Live Schemes: Show your live data values in front of a schematic image of your solar system. Simply drag and drop the element to position it on the image on the right.

Images: Save scheme images of your solar system for further use in your live schemes. Choose an image from a selection of standard images or upload your own custom image.

Diagrams: Show your stored data values as a diagram for a custom range of time.

Zoom: Zoom in on a part of a diagram to take a closer look at the data progress.

- Your solar thermal and heating system on the Internet – without any tedious router configuration
- Really easy with a DL2 or DL3 Datalogger
- Visualization also for many mobile devices
- System access via the Web browser – no software installation required

- Data progress charts as live data displays or diagrams
- Optional publication of system data with only one click
- Personalized filters for customized data displays
TRUST IN OUR EXPERIENCE

- RESOL devices optimize the efficiency of more than 3 million systems in over 50 countries world-wide
- Broad product range from low-cost to complex system controllers
- Development, production, sales and support – all in one place
- Subsidiaries in France and Spain – distributors all over the world

For more than 30 years – experts in solar thermal control technology

Do you have any further questions? We have the answers:

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