SOLAR & HEATING CONTROLLERS

The RESOL product range includes a range of high-class solar thermal and heating controllers as well as a broad variety of accessories for the efficient use of energy.

All RESOL products are future-oriented, sophisticated and unique in their design. Just like our ideal: nature!

RESOL controllers measure the temperatures of collectors. stores and other heat generators. By evaluating these measurements, the hot water distribution is efficiently controlled via pumps and valves.

SOLAR PUMP STATIONS

RESOL controllers are also among the main components of the RESOL pump stations which provide all the vital electronic and hydraulic components of a solar thermal system in one pre-assembled unit.



The Ecodesign Directive is coming. From August 1, 2015 on, solar thermal pumps must have an EEI (Energy Efficiency Index) of < 0.23.

With RESOL you are well-prepared! (Applies only to pump stations with integrated high-efficiency pump only)



system visualisation plays a major role.



The RESOLVBus® enables the communication between control- In order to meet the need to make the solar heat gained visible, lers and additional modules. In our broad range of accessories, RESOL offers a number of different display units.













SD3 Smart Display

- Visualisation of collector & store temperature as well as of heat quantity
- - Simple connection & power supply via VBus®





DL2 Datalogger

- network
- Web interface for standard internet browsers

BACnet functionality for BACnet-conform

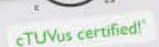
DATALOGGER & VBUS® ACCESSORIES

- Data logging and parameterisation of up to 6 VBus® master devices
- integrated sensor-/impulse inputs possible

DeltaSol® MX

- 14 sensor outputs & 12 relay inputs
- · Data logging, storing and firmware updates via SD memory card
- Up to 5 extension modules via VBus[®] (45 sensors and 39 relays in total)
- · Speed control of high-efficiency pumps





DeltaSol® BX

- 4 relay outputs & 7 sensor inputs
- Data logging onto SD memory card
- 26 systems to choose from
- Drainback option
- · Speed control of high-efficiency pumps

DeltaSol® BX Plus

- 5 relay outputs & 8 sensor inputs
- Data logging, storing and firmware updates via SD memory card
- Automatic function control according to the VDI directive 2169
- Speed control of high-efficiency pumps



FlowSol® S

- · Pre-assembled single-line pump station
- Standard or high-efficiency pump
- · Safety assembly with connection for the diaphragm-type expansion vessel, safety valve and pressure gauge
- Fill and drain valves

FlowSol® B

Pre-assembled twin-line pump station

RESOL

- Standard or high-efficiency pump
- Innovative hinged controller panel for quick and easy access to the hydraulic components
- Safety assembly with connection for the diaphragm-type expansion vessel, safety valve and pressure gauge

SBS 2000

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

- Visualisation of system states
- · Yield monitoring
- LAN socket for connection to a
- Easy configuration by integrated

- DL3 Datalogger
- transmission and reception of data
- Temperature measurements and logging via
- One 6-digit and two 4-digit 7-segment LED displays

^{*} The cTUVus/cLCus certification confirms that the controller meets the demands of the UL 60730-1:2009 and CSA 860730.1:2002 standards.