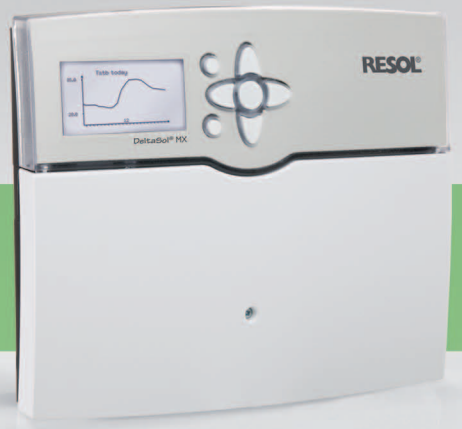


SOLAR CONTROLLERS

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 stores (DHW as well as buffer stores). By evaluating these measurements, the hot water distribution is efficiently controlled via pumps and valves.



- DeltaSol® MX**
- Full graphic display
 - Data logging, storing and firmware updates via SD memory card
 - 12 relay inputs & 14 sensor outputs
 - Drainback option
 - Speed control of high-efficiency pumps



- DeltaSol® BX**
- Extra large display
 - Data logging 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 & heat quantity measurement

SOLAR PUMP STATIONS

RESOL controllers are also among the main components of the RESOL pump stations which provide all vital electronic and hydraulic components of a solar thermal system in one pre-assembled unit. RESOL pump stations are equipped with high-quality pumps and fittings in shapely insulated casings.



- FlowCon Sensor**
- No collector & store sensors required
 - Complete with pre-assembled Grundfos Direct Sensors™
 - Ultra fast control
 - Full graphic display
 - Directly controlled flow rate



- FlowSol S**
- Single-line pump station
 - Standard or high-efficiency pump
 - Insulated design casing
 - Pre-assembled and ready to plug in



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

VBUS® ACCESSORIES

The RESOL VBus® enables the communication between controllers and additional modules. In our broad range of accessories, system visualisation 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.



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



- Datalogger DL3**
- Data logging and parameterisation of up to 6 VBus® master devices
 - VBus® data interface
 - Temperature measurements and logging via integrated sensor-/impulse inputs possible
 - BACnet functionality for BACnet-conform transmission and reception of data



- Smart display SD3**
- Visualisation of collector & store temperature as well as of heat quantity
 - Simple connection & power supply via VBus®
 - One 6-digit and two 4-digit 7-segment LED displays

Our products stimulate the market with in-house innovation. Our development team understands the market's need to produce flexible, practical products.
 With each RESOL device you acquire a quality product along with first-class service and personal technical support.



■ **TRUST IN OUR EXPERIENCE**



- RESOL devices efficiently optimise 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

Discover our product portfolio all around solar thermal control technology



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



- DeltaSol® C HE**
- Full graphic display with intuitive symbols
 - PWM output for high-efficiency pumps
 - Function control
 - Graphic balancing functions



- DeltaSol® BS**
- Up to 4 temperature sensors Pt1000
 - Drainback option
 - Energy-saving switching-mode power supply
 - cTUVus certified
 - Available in 2 versions



- DeltaSol® AL E**
- Direct connection of an electric immersion heater up to 3 kW
 - Time and temperature control of the electric afterheating
 - Up to 3 Pt1000 or KTY temperature sensors

Do you have any further questions? We have the answers:
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Solar controllers ■ Pump stations ■ VBus® accessories