



Your competent partner in solar and heating controllers,
visualisation and more

RESOL – Your Partner in control technology



- 40 years of experience
- More than 100 employees
- More than 20 distributors and subsidiaries worldwide
- Our products control more than 4 million systems in over 60 countries
- All processes under one roof – products 100% Made in Germany

RESOL – Your partner for control technology



Customised hardware design – the optimum basis for your product



Our standard softwares can be extended to suit your individual wishes



Controls after each individual manufacturing step warrant a 100 % quality assurance

We develop your product – custom-made, if you wish!



All products are tested in our in-house EMC and hydraulics laboratories



Pre-connected sensors and cables to suit your requirements



Adaption to your Corporate design and target markets

Production



We set standards...

- Modern production technology and a high production depth
- Up to 2000 controllers per day
- 100 % Germany-based production
- State-of-the-art quality assurance technology such as an AOI station, etc.
- TÜV-certified according to ISO 9001



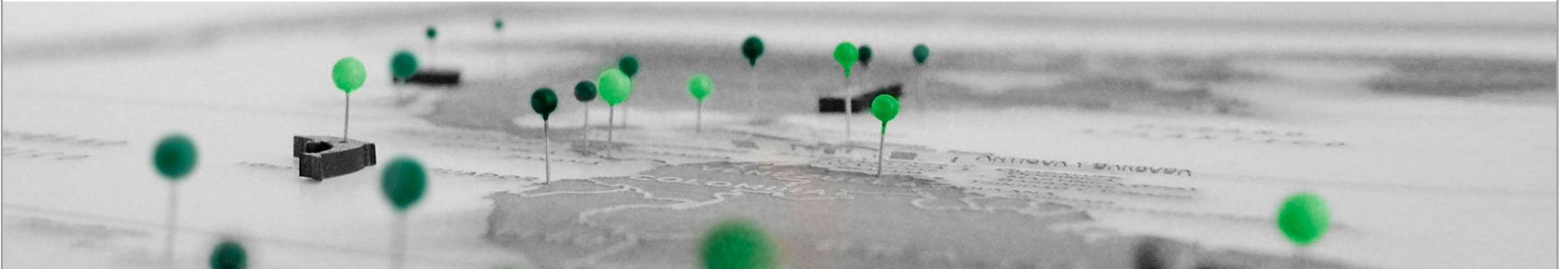
Research & Development



Our own ideas...

- In-house Research & Development division
- Cooperations with universities and research institutes
- Extensive in-house lab facilities for electromagnetic and hydraulic testing
- Testing of our own as well as, if our customers so wish, third-party products under real-life conditions

RESOL international



- Partners for distribution and support in 20 countries on 5 continents
- Market-specific developments and certifications



Our products

Perfectly matched...



Discover our product portfolio



- Solar & system controllers
- Heating controllers
- DHW exchange controllers
- Pump stations
- PV heating
- Heat transfer

Our products

Perfectly matched...



Accessories around solar and heating systems



- Dataloggers/ communication modules
- Sensors, valves and thermostats
- Measuring instruments & calorimeters
- Tools & HE accessories

Our products

Perfectly matched...



Visualisation & data evaluation



- VBus.net Internet portal
- VBus®Touch apps
- BACnet
- EnOcean
- Wibus

Solar & system controllers



We offer the right controller to suit your system...

- From simple controllers for standard solar thermal systems up to individually programmable system controllers
- Up to 14 relay outputs, with extension modules even up to 39
- Many different sensor inputs: Pt and semiconductor temperature sensors, Grundfos Direct SensorsTM, impulse inputs, etc.
- Pump speed control of high-efficiency pumps

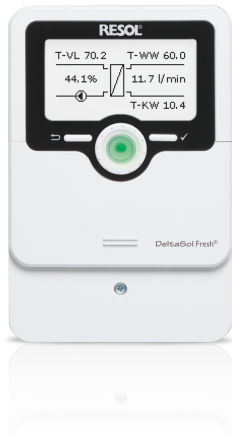
Heating controllers



Space and DHW heating

- From small water heating stoves up to large multivalent systems
- With extension modules up to 7 heating circuits possible
- Your advantage for energy labelling: Energy efficiency contribution of up to 5 %
- The DeltaTherm® HC / HC MAX is available in different ErP kits with the accessoires required for different temperature controls classes

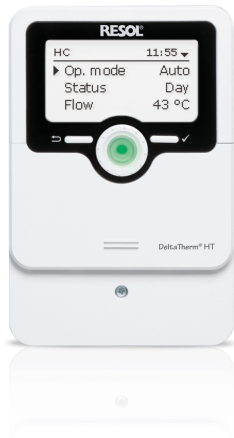
DHW exchange controllers



Individual solutions for the control of OEM DHW exchange modules

- Precise and energy-efficient control of the draw-off temperature
- Fast R&D process to meet your product requirements
- Cascades to meet special requirements of large systems

Heating circuit controller for heat interface units



Compact and user-friendly solution for simple heating systems

- Pre-programmed basic system
- 5 operating modes, room thermostat and night correction
- Remote access with a room control unit
- Weather-compensated control with room influence or demand-based room control with I room temperature sensor
- Chimney sweeper function, screed drying function and holiday mode via microbuttons

PV heating

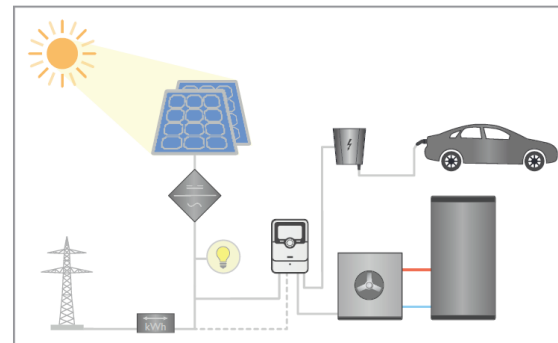


- Especially designed for using excess power produced by PV systems
- Electrothermal station and Power-to-Heat controller



POWER TO HEAT

Use excess energy!



The connection between PV system and heat generator – for more independence, lower heating costs and less CO₂ emissions.

Visualisation



- Controllers, dataloggers and visualisation solutions from one and the same developer team
- Apps for different purposes
- Software solutions for remote parameterisation, data evaluation and visualisation
- Configure your controllers from your PC, free of charge, with RPT

VBus.net



The Internet portal for easy and secure access to your system data

- Display live data of your system
- Suitable for all RESOL controllers connected to a datalogger
- Basic version free of charge
- For every operating system and all mobile devices worldwide
- No software installation required

Tools & HE accessories



HE-Check

Measures and generates 0-10 V pump control signals as well as PWM signals



LIN-Check

Controls LIN-bus pumps, evaluates status and error information



Expert advice all over the world



We will be there for you
– on-site as well as online!



Have a look – our Youtube
channel shows our company
and products in videos

www.resol.com

