


rosenthal design 

The **DeltaSol® Pool** is a controller for heating a swimming pool by means of solar collectors and optimised operation of the filter system. Afterheating of the swimming pool is varied according to solar power and pool demand, thus saving expensive energy.

Furthermore, the controller has many additional pool functions such as: additional filter runtime, maximum limitation of flow temperature and a flushing function.

- Solar operating hours counter and heat quantity measurement
- 10 sensor inputs and 7 relay outputs
- Filter runtime monitoring
- Maximum flow temperature limitation
- Cooling function
- Collector emergency shutdown
- Pump monitoring

The complete solution for your swimming pool heating!

With integrated afterheating demand!

RESOL DeltaSol® Pool

Price bracket A | Article no.: **115 661 73**

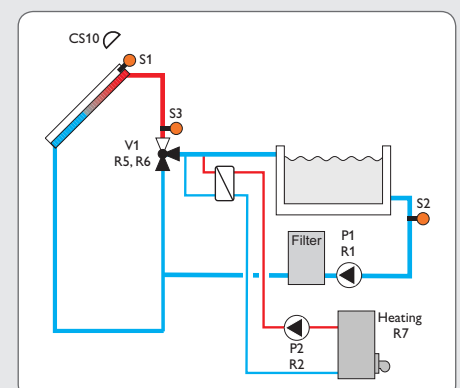
RESOL DeltaSol® Pool – Full kit

Incl. 3 Pt1000 sensors (2 x FKP6, 2 x FRP6)

Price bracket A | Article no.: **115 661 83**

Customised and OEM versions are available on request. Please contact our sales team.

Example



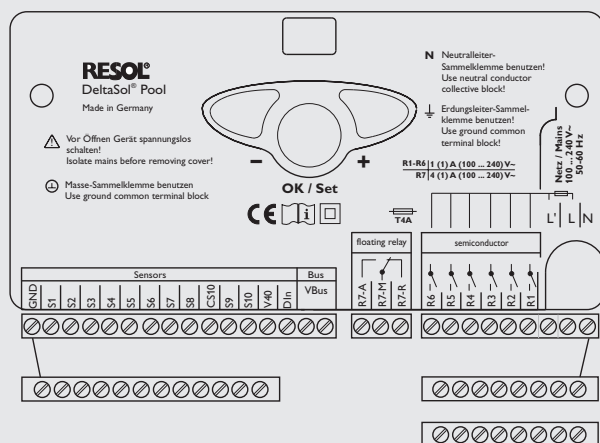


Rapid maintenance



Uncomplicated operation and control

Electrical connection



Simple connection

Accessories



RESOL GA3

Large Display module with 3 displays for collector and store temperatures as well as for heat quantity, incl. power supply

Price bracket C | Article no.: **180 006 50**



RESOL VBus®/USB interface adapter

PC connection kit for RESOL controllers with VBus® incl. RESOL ServiceCenter Software

Price bracket B | Article no.: **180 008 50**



RESOL VBus®/PWM interface adapter

VBus® converter to a PWM or 0-10V signal

Price bracket B | Article no.: **180 008 60**



RESOL DL2 Datalogger

Datalogger incl. RESOL ServiceCenter Software full version ready to plug in with mains adapter and VBus®

Price bracket B | Article no.: **180 007 10**

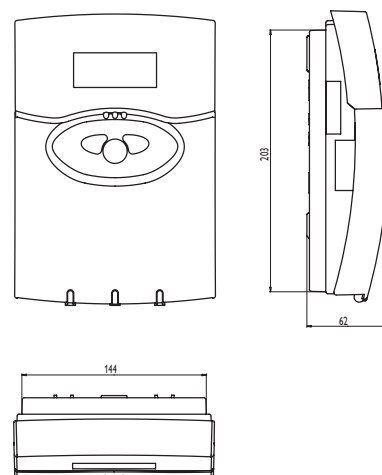


RESOL AM1

Alarm module for signalling system failures

Price bracket B | Article no.: **180 008 70**

Technical data



Inputs:

10 sensor inputs for Pt1000, 1 x CS10, 1 x impulse and 1 digital input

Outputs: 6 semiconductor relays, 1 potential-free relay

Switching capacity:

1 (1) A 240 V~ (semiconductor relay)

4 (1) A 24 V~ / 240 V~ (potential-free relay)

Total switching capacity: 4 A 240 V~

Power supply: 100 ... 240 V~ (50 ... 60 Hz)

Supply connection: type Y attachment

Power consumption: < 2 W

Mode of operation: type 1.B.C.Y action

Rated impulse voltage: 2.5 kV

Data interface: RESOL VBus®

VBus® current supply: 30 mA

Functions: solar operating hours counter and heat quantity measurement, function control, filter runtime monitoring, maximum flow temperature limitation, cooling function, collector emergency shutdown, pump monitoring. Add-on afterheating of the swimming pool depending on the need and on the power of the solar collectors

Housing: plastic, PC-ABS and PMMA

Mounting: wall mounting, mounting into patch panels is possible

Indication/Display: 4-line LC text display

Operation: 3 push buttons at the front

Ingress protection: IP 20 / EN 60529

Protection class: II

Ambient temperature: 0 ... 40 °C

Pollution degree: 2

Dimensions: 156 x 227 x 62 mm