



rosenthal design 

The **DeltaSol® E** offers many possibilities for a broad range of solar and heating systems.

Due to its intelligent and easy-to-understand system configuration and its **integrated calorimeter**, the controller also offers the control of complex systems with up to 4 weather-compensated heating circuits.

- 10 sensor inputs and 7 relay outputs
- 7 basic systems to choose from
- Pump speed control, solar operating hours counter and heat quantity measurement
- Internal calorimeter
- 4 heating circuits can be activated with HKM3 modules
- Function control

System
controller for
up to 4 heating
circuits!

For multi-store solar systems!

RESOL DeltaSol® E

Price bracket A | Article no.: **115 661 23**

RESOL DeltaSol® E – Full kit

Incl. 6 Pt1000 sensors (2 x FKP6, 4 x FRP6)

Price bracket A | Article no.: **115 661 33**



RESOL DeltaSol® E – Full kit incl. Smart Display SD3

Incl. SD3 and 6 Pt1000 sensors (2 x FKP6, 4 x FRP6)

Price bracket A | Article no.: **115 662 83**

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

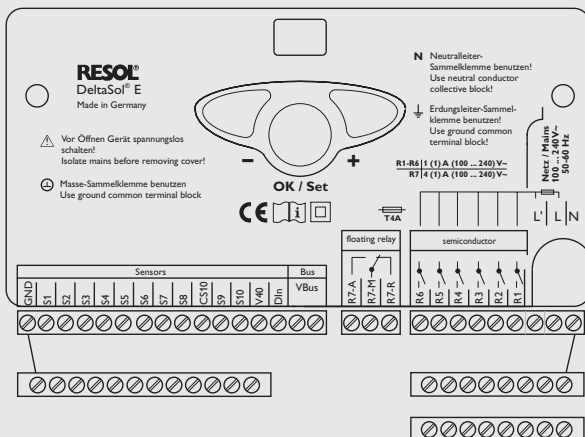


Rapid maintenance



Uncomplicated operation and control

Electrical connection



Simple connection

Accessories



RESOL DL2 Datalogger

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

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



RESOL Datalogger DL3

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

Price bracket A | Article no.: **180 009 90**



RESOL AM1

Alarm module for signalling system failures

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

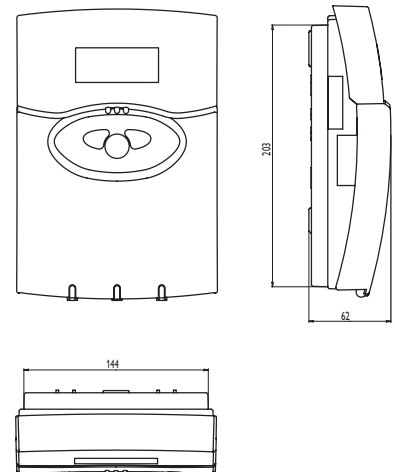


RESOL SP10

Sensor overvoltage protection

Price bracket A | Article no.: **180 110 70**

Technical data



Inputs: 10 sensor inputs for Pt1000, CS10, V40

Outputs: 7 relay outputs, 6 of them semiconductor relays, 3 of them for pump speed control and 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: < 1.6 W (standby)

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

Rated impulse voltage: 2.5 kV

Data interface: RESOL VBus®

VBus® current supply: 35 mA

Functions: 7 pre-programmed solar and heating systems, internal calorimeter and control of 3 weather-compensated heating circuits by modules. Adjustable system parameters and options (menu-driven), balance and diagnostics functions, function control

Housing: plastic, PC-ABS and PMMA

Mounting: wall mounting, mounting into patch panels is possible

Indication / Display: 4-line LC text display, illuminated, menu-driven (multilingual)

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: 227 x 156 x 62 mm