



Simple solar controller with extra convenience!

cTUVus certified!

The cTUVus certification confirms that the controller is certified to UL 60730-1A and CSA E60730.1.

The DeltaSol® AL solar controller is a temperature differential controller that offers all the vital functions for a standard solar thermal system. The controller is equipped with the **comprehensive System-Monitoring-Display**, which shows the system parameters quickly and easily.

For data communication, the controller has a VBus . Operation and function control are simple as usual.

- System-Monitoring-Display
- Up to 3 Pt1000 temperature sensors
- Heat quantity measurement
- Function control
- Operating hours counter
- Intuitive operating concept
- Unit F and C selectable

RESOL DeltaSol® AL

Price bracket A | Article no.: **115 212 63**

RESOL DeltaSol® AL Full kit

Incl. 2 Pt1000 sensors (1 x FKP6, 1 x FRP6)

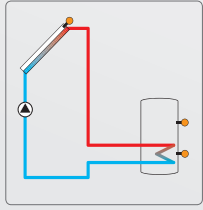
Price bracket A | Article no.: **115 212 73**

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

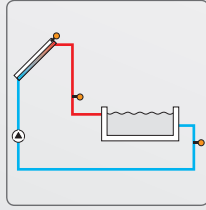
Manuals:



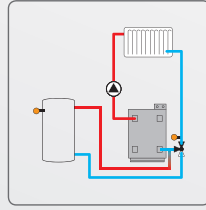
Examples



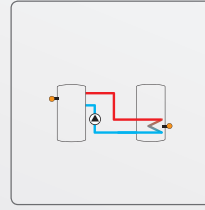
* Solar system with 1 store



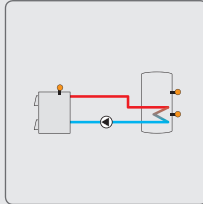
* Solar system with swimming pool



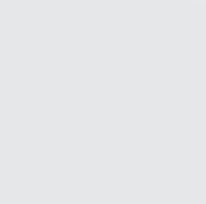
* Heating circuit return preheating



* Heat exchange controller

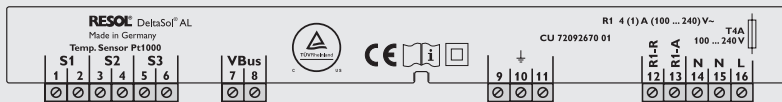


* Solid fuel boiler



* Application examples

Electrical connection



Accessories



RESOL KM1 Communication modul
Communication module incl. RESOL service CD and network cable, mains adapter and VBus cable pre-connected
Price bracket A | Article no.: **180 011 30**



RESOL VBus /USB interface adapter
PC connection set for RESOL controllers with VBus incl. RESOL Service CD (see page 65)
Price bracket B | Article no.: **180 008 50** **57.00 €**



RESOL VBus /LAN interface adapter
Network connection set for RESOL controllers with VBus incl. RESOL Service CD (see page 65)
Price bracket B | Article no.: **180 008 80** **105.30 €**

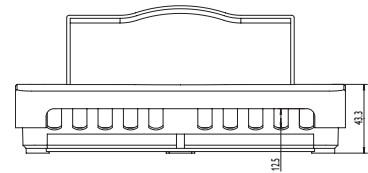
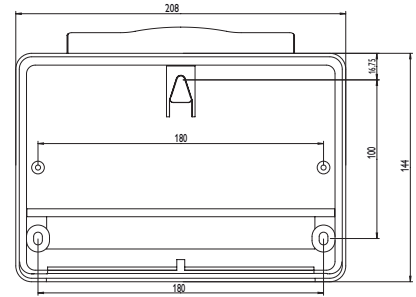
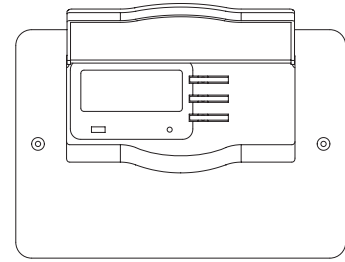


RESOL AM1
Alarm module for signalling system failures
Price bracket B | Article no.: **180 008 70**



RESOL SP10
Sensor overvoltage protection
Price bracket A | Article no.: **180 110 70**

Technical data



Inputs: 3 Pt1000 temperature sensors

Outputs: 1 electromechanical relay (changeover)

Switching capacity:

4 (1) A 240 V~ (electromechanical relay)

Total switching capacity: 4 A 240 V~

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

Supply connection: type Y attachment

Power consumption: < 0.7 W (standby)

Mode of operation: type 1.B action

Rated impulse voltage: 2.5 kV

Data interface: RESOL VBus

VBus current supply: 35 mA

Functions: function control, operating hours counter, tube collector function and heat quantity measurement

Housing: plastic, PC-ABS and PMMA

Mounting: wall mounting

Indication / Display: System-Monitoring-Display for visualisation, 16-segment display, 7-segment display, 8 symbols for system states, background illumination and operating control lamp

Operation: 3 push buttons and 1 slide switch at the front of the housing

Ingress protection: IP 20 / EN 60529

Protection class: II

Ambient temperature: 0 ... 40 °C

Pollution degree: 2

Dimensions: 144 x 208 x 43 mm