



DeltaSol® AL

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.

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



cTUVus
certified!*



Simple solar controller with
extra convenience!

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

Manuals available:

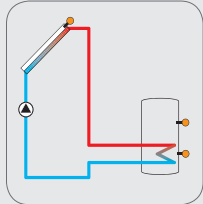


* The cTUVus certification confirms that the controller is certified to UL 60730-1:2009 and CSA B60730.1:2002.

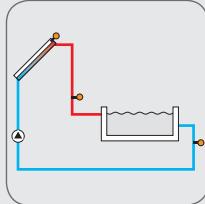
ELECTRICAL CONNECTION



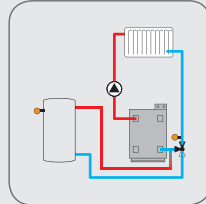
EXAMPLES



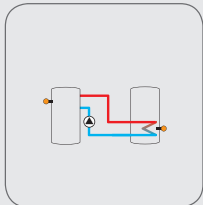
Solar system with 1 store



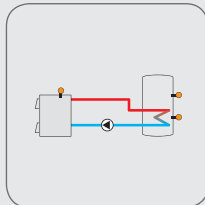
Solar system with swimming pool*



Heating circuit return preheating*



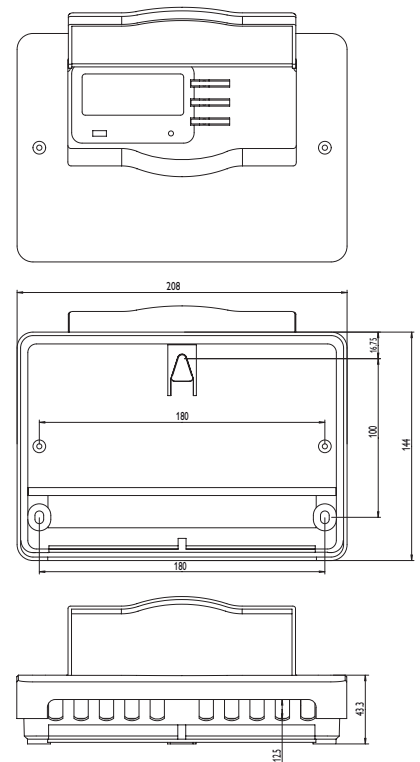
Heat exchange control*



Solid fuel boiler*

* Application examples

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

Standby: 0.33 W

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, mounting into patch panels is possible

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

Operation: 3 push buttons and 1 slide switch

Ingress protection: IP 20 / EN 60529

Protection class: II

Ambient temperature: 0 ... 40 °C

Pollution degree: 2

Dimensions: 144 x 208 x 43 mm

ACCESSORIES

RESOL KM2 Communication module



Incl. RESOL service CD, network cable and mains adapter, VBus® cable pre-connected

Price bracket A | Article no.: **180 012 10**

RESOL VBus® / USB interface adapter



PC connection set for RESOL controllers with VBus® incl. Service CD

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

RESOL VBus® / LAN interface adapter



Network connection set for RESOL controllers with VBus® incl. Service CD

Price bracket B | Article no.: **180 008 80**

RESOL AM1



Alarm module for signaling system failures

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

RESOL SP10



Sensor overvoltage protection

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