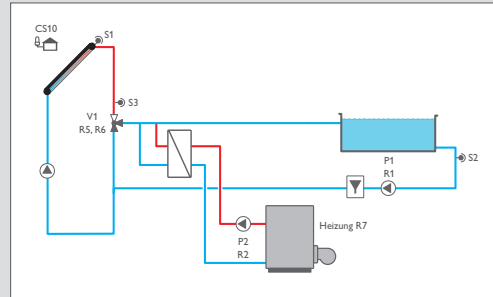# RESOL®
CONTROL TECHNOLOGY

EXAMPLE

DeltaSol® Pool

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

The complete solution for your swimming pool heating!

- Solar operating hours counter and heat quantity measurement
- Integrated backup heating demand
- 10 sensor inputs and 7 relay outputs

- Filter runtime and pump monitoring, flushing function
- Maximum flow temperature limitation, cooling function, collector emergency shutdown

TECHNICAL DATA

Inputs: 10 inputs for Pt1000 temperature sensors, 1 input for a CS10 irradiation sensor, 1 V40 impulse input , 1 digital input

Outputs: 6 semiconductor relays, 1 potential-free relay

Switching capacity:

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

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

Total switching capacity: 4 A 240 V~

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

Supply connection: type X attachment

Standby: 1.83 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: controller for heating a swimming pool by means of solar collectors and optimised operation of the filter system. Add-on backup heating 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 buttons

Ingress protection: IP 20 / EN 60529

Protection class: II

Ambient temperature: 0 ... 40 °C

Dimensions: 227 x 156 x 62 mm

Article no.	Article	Price bracket
115 661 73	DeltaSol® Pool – Swimming pool controller	A
115 661 83	DeltaSol® Pool – Full kit » incl. 3 Pt1000 sensors (1 x FKP6, 2 x FRP6)	A