DeltaSol® E

RESOL®
CONTROL TECHNOLOGY

MAIN MENU
MEAS. VALUES
REPORTS
SOLAR

DeltaSol® E

rosenthal design **r**

Inputs: 10 sensor inputs for Pt1000, 1 CS10, 1 V40

Outputs: 6 semiconductor relays, 3 of them for pump speed control, 1 potential-free relay and 3 PWM outputs (convertible to 0-10 V signal outputs)

PWM frequency: 512 Hz

PWM voltage: 10.5 V

Switching capacity:
1 (1) A 240 V~ (semiconductor relay)
2 (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

Standby: 0.98 W

Temperature controls class: III

Energy efficiency contribution: 1,5 %

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: heating circuit backup, heat exchange control, thermostatic backup heating, solid fuel boiler, heat quantity measurement, collector cooling function, tube collector function, antifreeze function, minimum limitation, speed control, screed drying, 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

HE pump control | VBus.net | RSC Software

System controller for up to 4 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

- Up to 4 weather-compensated heating circuits with HKM3 modules

- Extended manual mode with minimum and maximum speed

- 3 PWM / 0-10 V outputs for the speed control of high-efficiency pumps

- Standard PWM characteristic curves for solar and heating pumps

- Commissioning menu

- DHW heating and screed drying functions

- VBus® menu for configuring remote displays, e. g. SDFK

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

RESOL *DeltaSol®* E
Price bracket A | Article no.: **115 661 23**
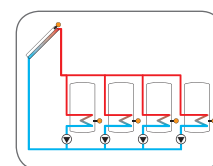
RESOL *DeltaSol®* E – Full kit
Incl. 6 Pt1000 sensors (2 x FKP6, 4 x FRP6)
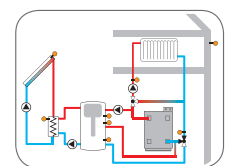Price bracket A | Article no.: **115 661 33**

Menu languages:

EXAMPLES

Solar system with 4 stores, pump logic

Solar system with combined store, external heat exchanger, weather-compensated heating circuit, return preheating and backup heating