




rosenthal design 

**Inputs:** 8 sensor inputs for Pt1000, 1 CS10, 1 V40  
**Outputs:** 6 semiconductor relays, 3 of them for pump speed control and 1 potential-free relay

**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:** 0.48 W

**Temperature controls class:** I

**Energy efficiency contribution:** 1 %

**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:** 2-store systems, east-/west collectors, heating circuit backup, heat exchange control, thermostatic backup heating, solid fuel boilers, adjustable functions and options as heat quantity measurement, collector cooling function, tube collector function, antifreeze function, minimum temperature limitation, pump speed control, balance and diagnostics functions, function control

**Housing:** plastic, PC-ABS and PMMA

**Mounting:** wall mounting, mounting into patch panels is possible

**Indication/Display:** System-Monitoring-Display for visualisation of systems, 16-segment and 7-segment display, 8 symbols for indication of system status and operating control LED

**Operation:** 3 push buttons

**Ingress protection:** IP 20 / EN 60529

**Protection class:** II

**Ambient temperature:** 0 ... 40 °C

**Pollution degree:** 2

**Dimensions:** 227 x 156 x 62 mm



## 36 pre-programmed system layouts!

- Illuminated System-Monitoring-Display
- 8 sensor inputs and 7 relay outputs
- 36 basic systems to choose from
- Pump speed control
- Solar operating hours counter
- Heat quantity measurement

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

### RESOL DeltaSol® ES

Price bracket A | Article no.: 115 660 93

### RESOL DeltaSol® ES – Full kit

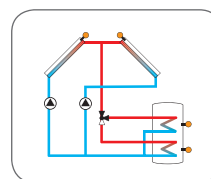
Incl. 5 Pt1000 sensors (2 x FKP6, 3 x FRP6)

Price bracket A | Article no.: 115 661 03

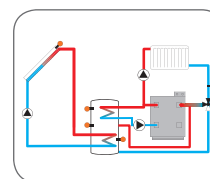
Manuals available:



### EXAMPLES



Solar system with east-/west collectors and store loading in layers



Solar system with 1 store, heating circuit return preheating and thermostatic backup heating