



## SD3/SDFK Smart Display

The RESOL SD3 and SDFK Smart Displays are used for visualising data issued by the controller.

- Simple connection and power supply via RESOL VBus®
- °F version and customised sensor and relay allocation possible for a surcharge (software adaptation)

### SD3 Smart Display

The SD3 Smart Display indicates the collector temperature (S1), the store temperature (S2) and the energy yield of the solar thermal system.

- Visualisation of collector and store temperature as well as heat quantity
- One 6-digit and two 4-digit 7-segment LED displays

### SDFK Smart Display

In the heating area, the SDFK Smart Display indicates the solid fuel boiler temperature and the bottom/top store temperatures as well as the pump status.

- Visualisation of solid fuel boiler temperature and bottom/top store temperature as well as pump status
- Three 4-digit 7-segment LED displays as well as one bicoloured LED red/green
- Pre-programmed for *DeltaTherm®* FK – adaptation to all standard RESOL controllers possible for a surcharge (software adaptation)

## TECHNICAL DATA

**Housing:** high-grade steel frame with wood elements

**Dimensions:** 150 x 165 x 24 mm

**Ingress protection:** IP 20 (suitable for dry rooms)

**Protection class:** III

**Display:** numerical 7-segment LED display, bicoloured LED red/green (SDFK)

**Segment size:** 7.5 x 10 mm, 10° digit inclination

**Ambient temperature:** 0...40 °C

**Power supply:** via RESOL VBus®

**Data interface:** RESOL VBus®

| Article no. | Article   | Price bracket |
|-------------|---|---------------|
| 180 004 90  | SD3 Smart Display – Display module for the living area  | A             |
| 180 010 80  | SDFK Smart Display – Display module for the living area | A             |
| 112 112 12  | SDFK Smart Display – Software adaptation                | C             |



## AM1 Alarm module

The AM1 Alarm module is designed to signal system failures. It is to be connected to the VBus® of the controller and issues an optical signal via the red LED if a failure has occurred.

The AM1 also has a potential-free relay output, which can be connected to a building management system (BMS), so that a collective error message can be issued in the case of a system failure. Thus, the reliability and the stable yield of the system are ensured.

- Reliable failure signal by LED
- Connection to a building management system (BMS) possible
- Supply and control via RESOL VBus®

### TECHNICAL DATA

**Housing:** plastic (PC 2207 UV); base part: Karilen E 42 D - H201

**Ingress protection:** IP 54

**Dimensions:** 111 x 68 x 40 mm

**Mounting:** wall mounting

**Ambient temperature:** -25 ... +70 °C

**Display:** 1 LED

**Power supply:** RESOL VBus®

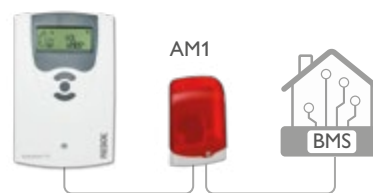
**Interface:** RESOL VBus®

**Output:** 1 potential-free relay

**Switching capacity:** max. 30 V<sup>==</sup>, 1A; 125 V~, 0.5 A

Example illustrations, further configurations are possible. Data communication between the devices takes place via the RESOL VBus®.

DeltaSol® CS



DeltaSol® MX

EM Extension module



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