



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

Relative humidity: 10...90 %

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 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

Relative humidity: 10 ... 90 %

Display: 1 LED

Power supply: VBus®

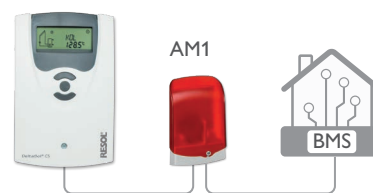
Interface: VBus®

Output: 1 potential-free relay

Switching capacity: max. 30 V $\overline{=}$, 1A; 125 V \sim , 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