Wall mounted room unit intended for use as a display in Access

Slim flush-mounted room unit with backlit touch display for Plug'n Play usage with Systemair Access control system.

• Flush-mounted room unit

• Touch display

• Plug'n Play with Systemair Access

Application
The user-friendly room unit with touch display and inbuilt temperature sensor is suitable for all types of indoor environments. It has a modern design and provides Plug'n Play usage with Systemair Access.

Function
Sensors:

• Internal temperature sensor, allocatable by Access (as e.g. room sensor)

Control:

• Control AHU operation (configurable in Access)

  ◦ Manual fan speed: off/auto/low/normal/high

  ◦ Extended operation: off/auto/low/normal/high

• Adjust temperature setpoint of AHU or temperature zone (configurable in Access)

  ◦ +/- X °C

Indications:

• Value of internal temperature sensor

• Indicates active alarm in the AHU control unit

Installation
The room unit available in two versions depending on installation needs.

ED-RUD FM – For flush mounting in an EU standard wall mounting box.

ED-RUD WM – For mounting directly on a wall.

Tecnical data

General data

Supply voltage	24 V AC/DC (22…26 V AC/DC)
Power consumption	60 mA
Protection class	IP30
Ambient humidity	10…90 % RH (non-condensing)
Ambient temperature	0…50 °C
Storage temperature	-20…+70 °C
Temperature sensor	Measuring range: 0..50°, Tolerance: +/- 0,5°C, Type: NTC
Cable connection	Terminal block, push-in. Max. 1.5 mm2 (AWG 16)
Mounting	ED-RUD FM; For flush mounting on an EU standard wall mounting box ED-RUD WM: For mounting directly on a wall
Display	Built-in
Display type	LED-backlit LCD
Dimensions, external (WxHxD)	95 x 95 x 23 mm
Weight	0.18 kg

Serial port data

Serial port	1
Port type	RS485
Supported protocol	Modbus (RTU)
Communication speed	38400 bps (4800…38400 bps)
Parity	Even (Even, Odd, None)
Stop bit	1 (1 or 2)