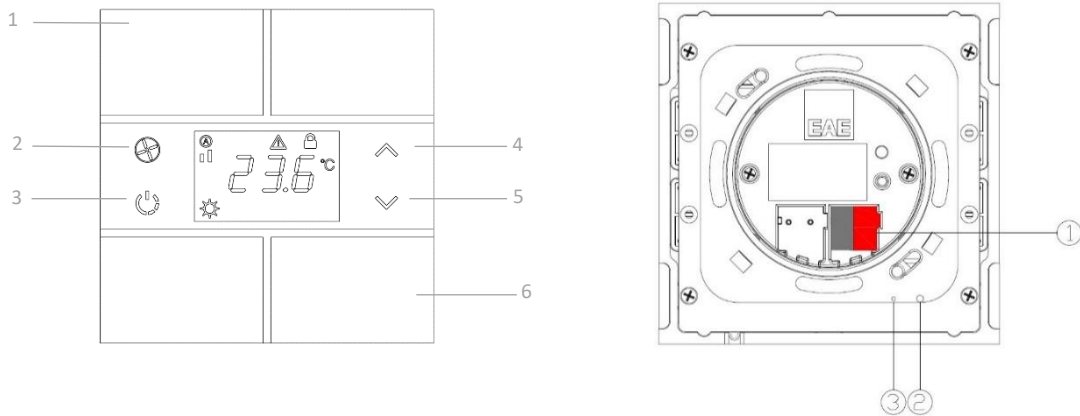## General Features



- Can be configured with ETS5/ETS6
- Glass Touch Button Design
- Temperature Adjustment on Digital LCD
- Integrated Temperature Sensor (°C/ °F)
- Integrated Humidity Sensor
- Cleaning Mode function
- Logical function
- Fan Speed Adjustment (1, 2, 3, Auto)
- Different Operation Modes (Comfort, Night, Away, OFF)
- Fully Automatic Function Mode (Heat – Cool transition)
- Control Flexibility for all HVAC units including VRF-VRV and AC
- PI rational, PI on-off (PWM), On/Off, Fan coil, Split unit controls
- Easy mount into 60x60 mm standard switch junction boxes

- Switching
- Dimming
- Shutter control
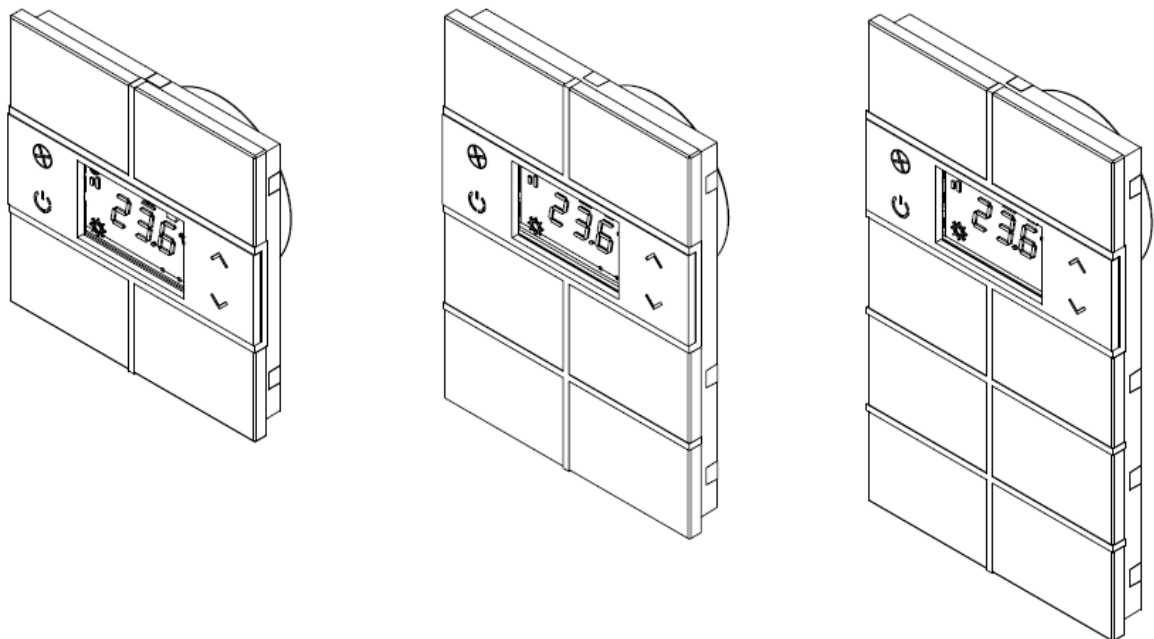- Value transfer
- Scene control
- Status LEDs

## Technical Data

| | | |
|---|---|---|
| Safety Rating | IP20 | EN 60 529 |
| **Safety Class** | II | EN 61 140 |
| **Power Supply** | Voltage | 21V… 30V DC, via the KNX bus |
| | Current drawn from bus | <10mA |
| **Connections** | KNX | Bus Connection |
| **Operating Elements** | LED (red) | Physical Address Programming |
| | LED (white) | Navigation LED and Button Status LEDs |
| **Operating Temperature** | Ambient | -5° C   + 45° C |
| | Storage | -25° C   + 55° C |
| **Temperature Sensor** | Measurement Accuracy | ±0,3 °C |
| **Humidity** | Max. Air humidity condensation | 95 % no moisture |
| **Dimensions** | Front Side (for 1 or 2 fold) | 85 x 85 mm |
| | Side- Surface mounted part | 11 mm |
| | Side- Flush mounted part | 20 mm |
| | Front Side (for 3 fold) | 85 x 114 mm |
| | Side- Surface mounted part | 11 mm |
| | Side- Flush mounted part | 18,50 mm |
| | Front Side (for 4 fold) | 85 x 143 mm |
| | Side- Surface mounted part | 11 mm |
| | Side- Flush mounted part | 18,50 mm |
| **Box Material** | Glass – Surface | |
| | Polycarbonate – Flush mounted part | |
| **Color** | Black, White | |
| **CE** | In accordance with the EMC | |
| | guideline and low voltage | |

| **Application Program** | Comm. Objects | Max. Group Addresses | Max. Matching |
|---|---|---|---|
| | 76 | 254 | 255 |

## Functional Elements and Connections
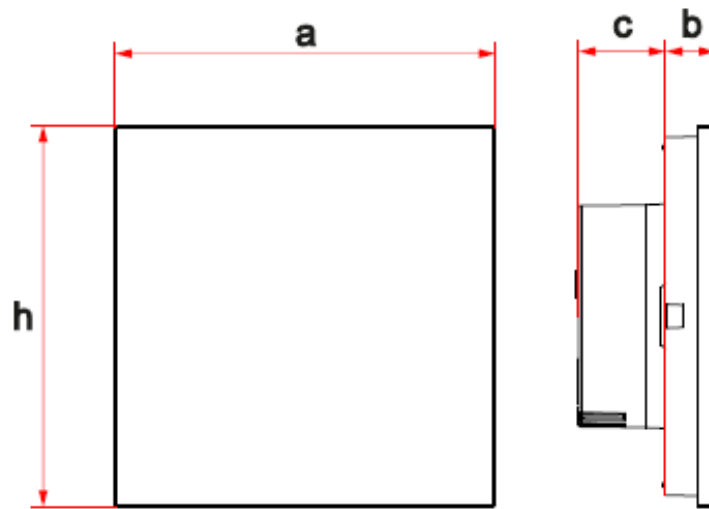


1. Programmable Touch Button Group 1
2. Fan Speed (1, 2, 3, A)
3. Operation Mode (Comfort, Night, Away, OFF)
4. Setpoint Temperature UP
5. Setpoint Temperature DOWN
6. Programmable Touch Button Group 2

1. KNX Port Terminal
2. Programming Button
3. Programming LED



## Technical Drawings

| Products | | | Dimensions (mm) | | | |
|---|---|---|---|---|---|---|
| | | | a | b | c | h |
| Rosa Metal Series | Rosa Crystal Series | 1 Fold Thermostat | 85,00 | 11,00 | 20,00 | 85,00 |
| | | 2 Fold Thermostat | 85,00 | 11,00 | 20,00 | 85,00 |
| | | 3 Fold Thermostat | 85,00 | 13,50 | 18,50 | 114,00 |
| | | 4 Fold Thermostat | 85,00 | 13,50 | 18,50 | 143,00 |