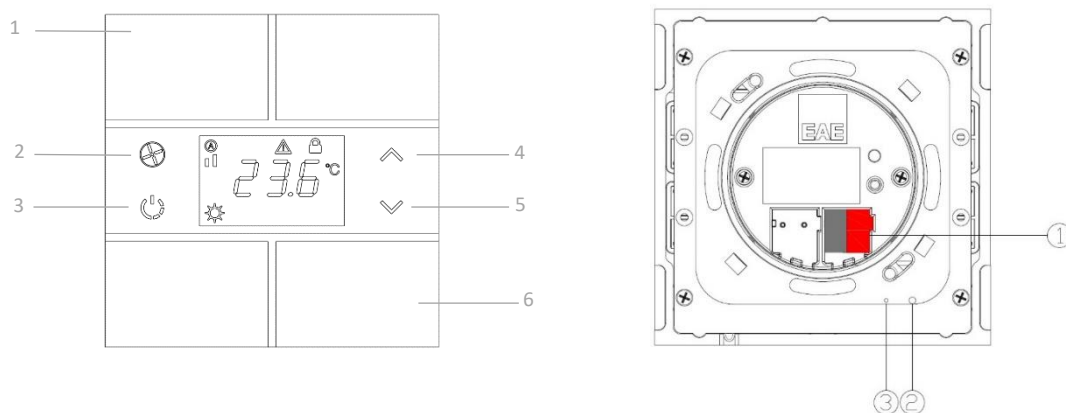**EAE**

General Features

- Can be configured with ETS5/ETS6
- Metal 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 (hot-cold 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/Blind Control
  - Value transfer
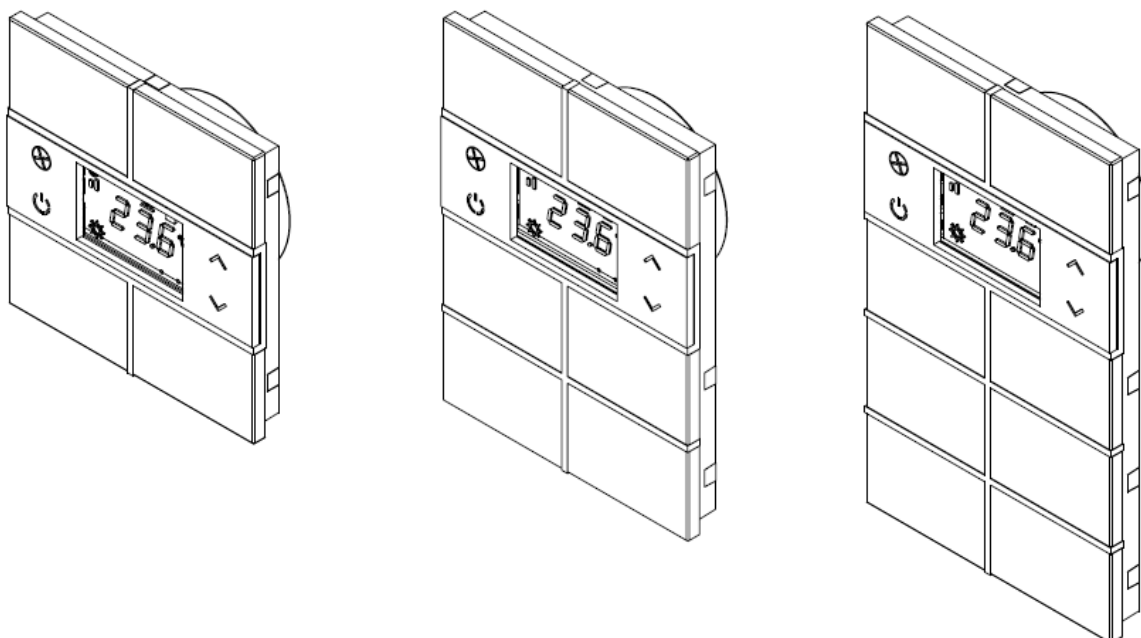 - Scene Control
  - Status LEDs

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 and Painted Metal – Surface Polycarbonate – Flush mounted part	
Color	Bronze, Dark Gray, White, Black, Light Gray	
CE	In accordance with the EMC guideline and low voltage directives.	

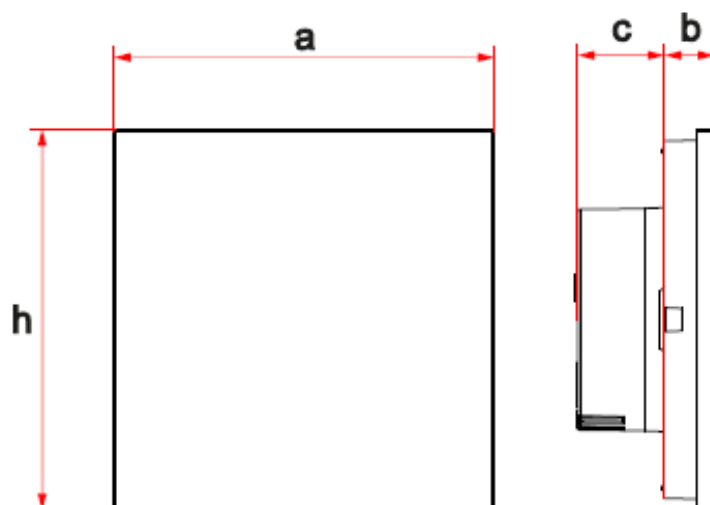| Application Program	Comm. Objects	Max. Group Addresses	Max. Matching
	76	254	255

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