

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



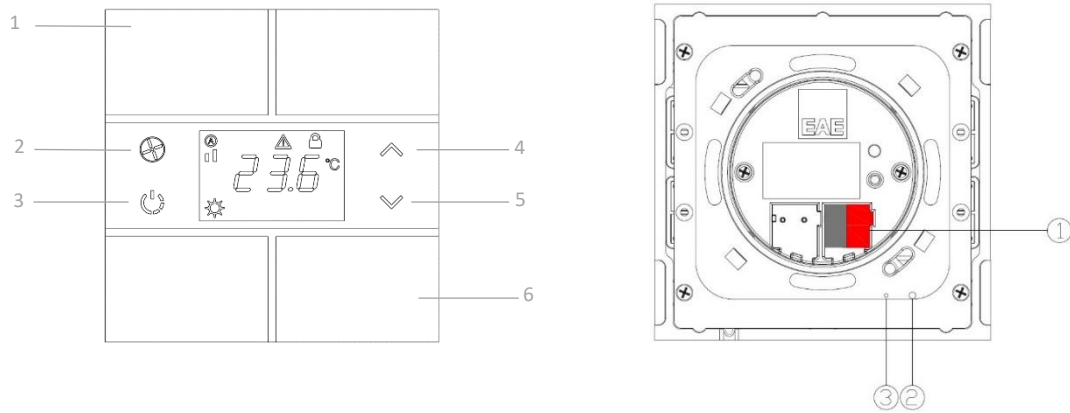
Inherent color tone variations are normal to be observed on bronze and gold due to anodizing surface treatment process.

- Switching
- Dimming
- Shutter/Blind Control
- Value transfer
- Scene Control
- Status LEDs

Technical Data

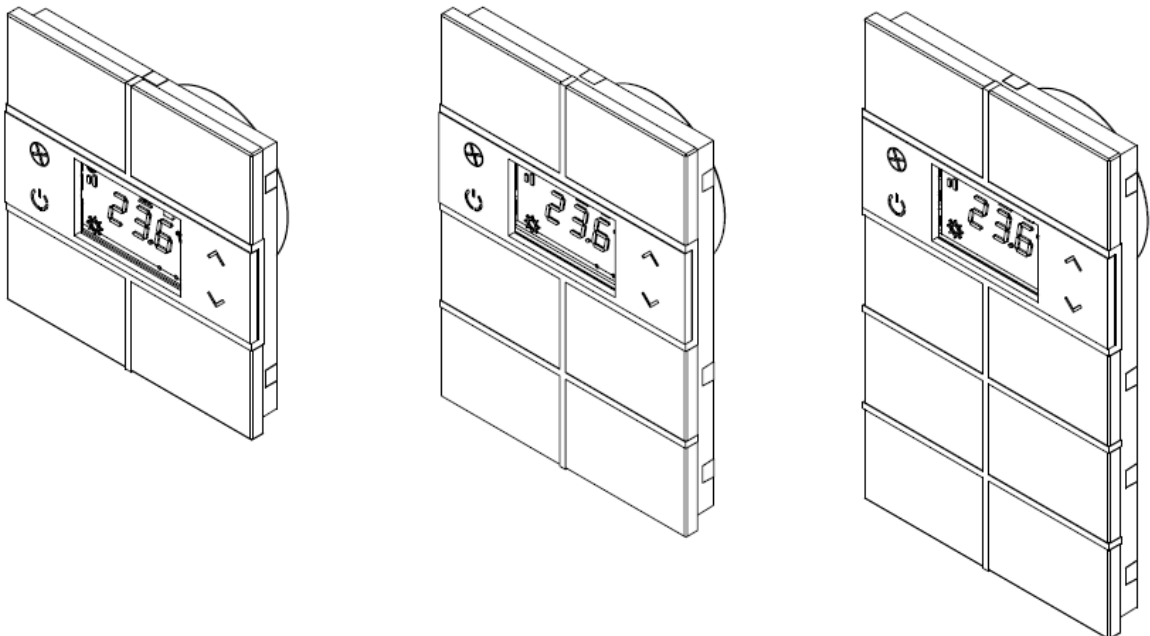
Safety Rating	IP20	EN 60 529
Safety Class	II	EN 61 140
Power Supply	Voltage	21V... 30V DC, via the KNX bus
	Current drawn from bus	<10mA
Connections	KNX	Bus Connection
Operating Elements	LED (red)	Physical Address Programming
	LED (white)	Navigation LED and Button Status LEDs
Operating Temperature	Ambient	-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 Metal – Surface Polycarbonate – Flush mounted part	
Color	Anthracite, Bronze, Dull Gold, Natural	
CE	In accordance with the EMC guideline and low voltage	
Application Program	Comm. Objects	Max. Group Addresses
	76	254
		Max. Matching
		255

Functional Elements and Connections

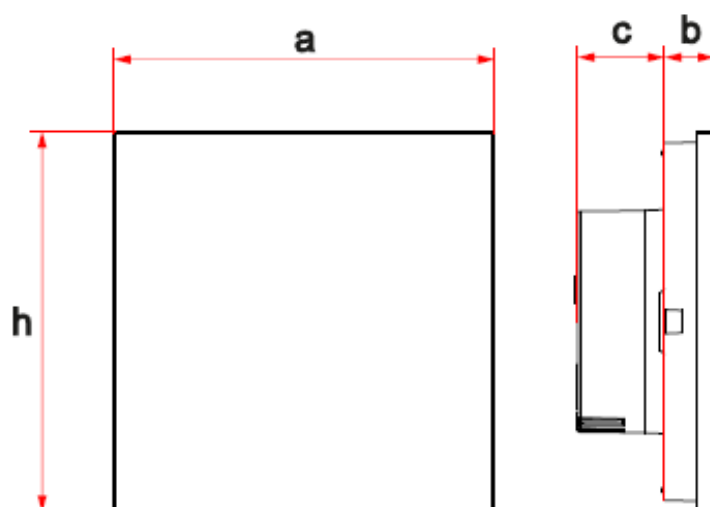


- 1. Programmable Touch Button Group 1
- 2. Fan Speed (1, 2, 3, A)
- 3. Operation Mode (Comfort, Night, Away, OFF)
- 4. Setpoint Temperature UP
- 5. Setpoint Temperature DOWN
- 6. Programmable Touch Button Group 2

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



Technical Drawings



Products			Dimensions (mm)			
			<u>a</u>	<u>b</u>	<u>c</u>	<u>h</u>
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