

Datasheet Rosa Thermostats

EAE KNX Rosa Metal Thermostat Series

All you need is EAE



General Features



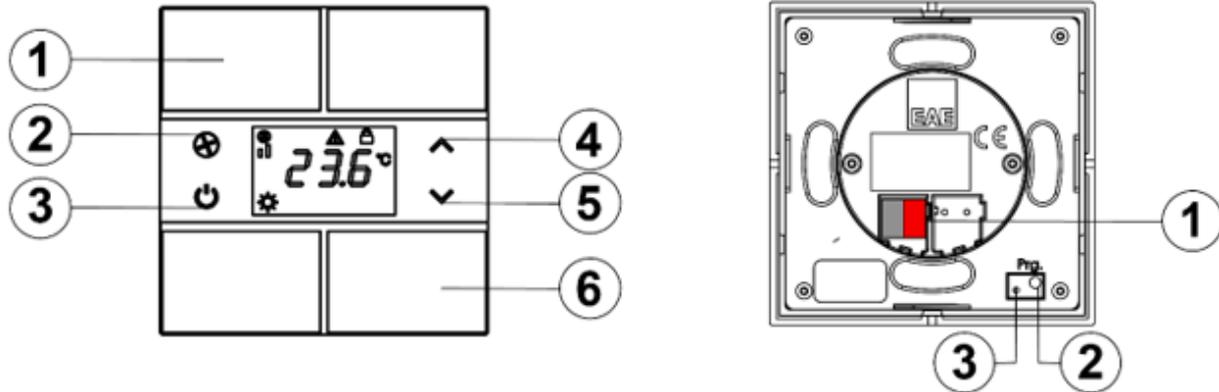
- Can be configured with ETS5 or higher version
- Metal Touch Button Design
- Temperature Adjustment on Digital LCD
- Integrated Temperature Sensor (°C/ °F)
- Integrated Humidity Sensor
- Cleaning Mode function
- Logical function
- Fan Speed Adjustment (1, 2, 3, Auto)
- Different Operation Modes (Comfort, 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
- 2 dependent or 4 independent programmable buttons

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

Technical Data

Type of protection	IP20	EN 60 529	
Safety Class	II	EN 61 140	
Power Supply	Voltage Current drawn from bus	21V... 30V DC, via the KNX bus <10mA	
Connections	KNX	Bus Connection	
Operating Elements	LED (red) LED (white)	Physical Address Programming Navigation LED and Button Status LEDs	
Operating Temperature	Ambient Storage	-5° C + 45° C -25° C + 55° C	
Temperature Sensor	Measurement Accuracy	±0,3 °C	
Humidity	Max. Air Humidity	95 % no moisture	
Dimensions	Front Side Side- Surface mounted part Side- Flush mounted part	85 x 85 mm 11 mm 19,4 mm	
Box Material	Surface : Glass and Metal Flush mounted part : Polycarbonate		
Color	Anthracite, Bronze, Dull Gold, Natural		
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

