

Datasheet Rosa Thermostats

EAE KNX Rosa Metal Thermostat Series

All you need is EAE



General Features



- Metal Touch Button Design
- Temperature Adjustment on Digital LCD
- Integrated Temperature Sensor (°C/ °F)
- 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
 - Blind Control
 - Value transfer
 - Scene Control

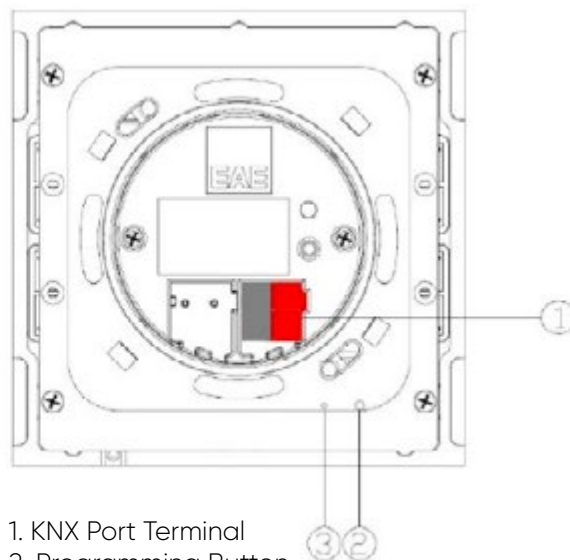
Technical Data

Safety Rating	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 conden- sation	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	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	# of Comm. Objects 76	Max. Group Addresses 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

