



Datasheet Rosa Thermostats

EAE KNX Rosa Crystal Thermostat Series

All you need is EAE



General Features

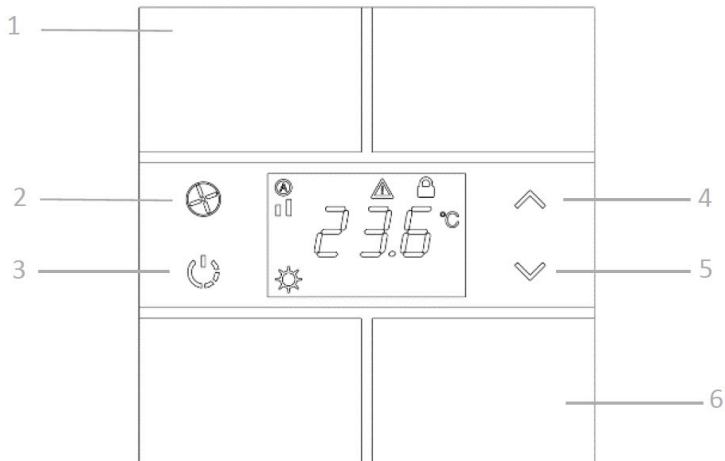


- Glass Touch Button Design
- Temperature Adjustment on Digital LCD
- Integrated Temperature Sensor (°C/ °F)
- Fan Speed Adjustment (1, 2, 3, Auto)
- Different Operation Modes (Comfort, Night, Away, OFF)
- Fully Automatic Function Mode (Heat – Cool transition)
- Control Flexibility for all HVAC units 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
- 2 dependent or 4 independent programmable buttons
 - Switching
 - Dimming
 - Blind Control
 - Value transfer
 - Scene Control

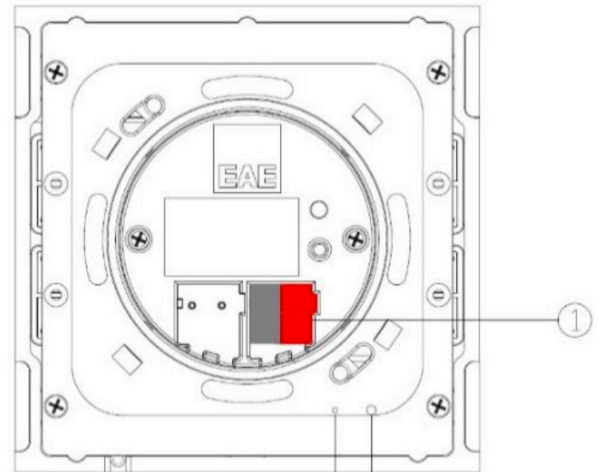
Technical Data

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 condensation	95 % no moisture
Dimensions	Front Side Side- Surface mounted part Side- Flush mounted part	85 x 85 mm 11 mm 19.4 mm
Material	Glass – Surface Polycarbonate – Flush mounted part	
Color	Black, White	
CE	In accordance with the EMC guideline and low voltage	

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

