Datasheet Rosa Thermostats
EAE Rosa KNX Thermostat Series
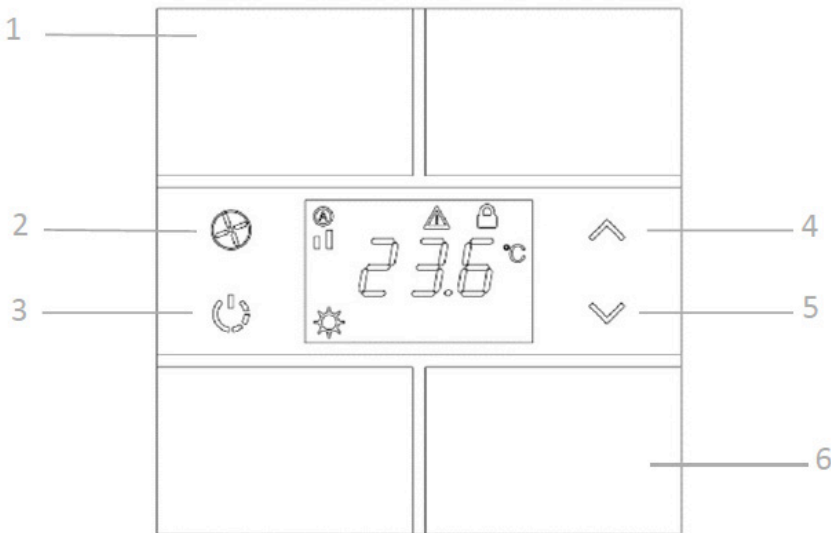
All you need is EAE

General Features

- Temperature Adjustment on Digital LCD
- Integrated Temperature Sensor (°C/ °F)
- Fan Speed Adjustment (1, 2, 3, Auto)
- Dierent 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-o (PWM), On/O, Fan coil, Split unit controls
- Easy mount into 60x60 mm standard switch junction boxes
- 2 dependent or 4 independent programmable buttons
  - Switching
  - Dimming
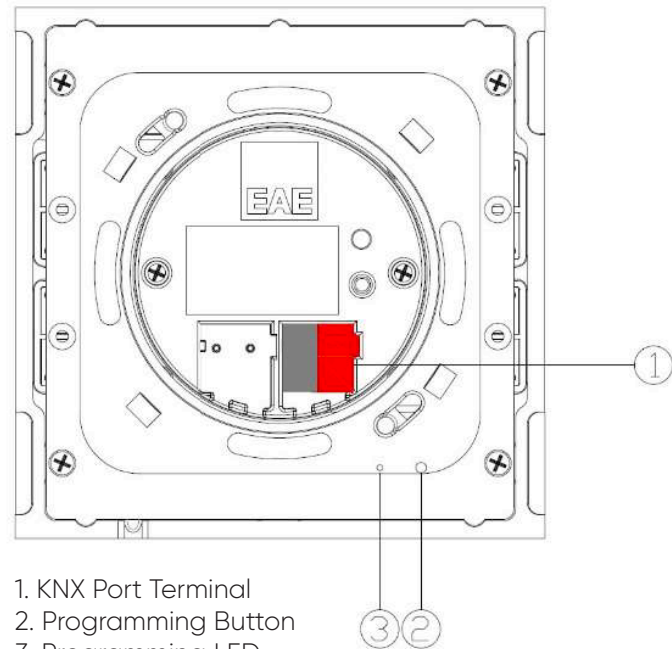 - Blind Control
  - Value transfer
  - Scene Control

Technical Data

Operating Voltage	Voltage	21V... 30V DC, via the KNX bus
	Current drawn from bus	<10mA
Safety Rating		IP 20, DIN EN 60529
Connections	KNX	Bus Connection
Operating Temperature	Ambient	–5° C + 45° C
	Storage	–25° C + 55° C
	Measurement Accuracy	±0,3 °C
Dimensions	Front Side	85 x 85 mm
	SideSurface mounted part	11 mm
	SideFlush mounted part	19.4 mm
Material		Glass or Metal, polycarbonate
Color		Antrasit, Bronze, Dull Gold, Natural
CE		In accordance with the EMC guideline and low voltage

Functional Elements and Connections

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

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

Technical Drawings

85,00 mm

85,00 mm

11,00 mm

19,40 mm

R1.0