

ADVANCE THERMOSTAT



KNX Advance Thermostat Series



Main Features

- Solid glass design
- Customizable icons
- Customizable button counts
- Different color options
- 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
- Up to 6 programmable touch buttons (1 to 3 fold)
 - Switching
 - Dimming
 - Blind Control
 - Value Transmitting
 - Scene Control



Touch Operated



Glass Surface



Frameless Minimalist Design



Fully Automatic Heating Cooling Transition



Various of Colors



Independent Programmable Keys



Navigation LEDs



Feedback LEDs



Icon Options



ADVANCE THERMOSTAT



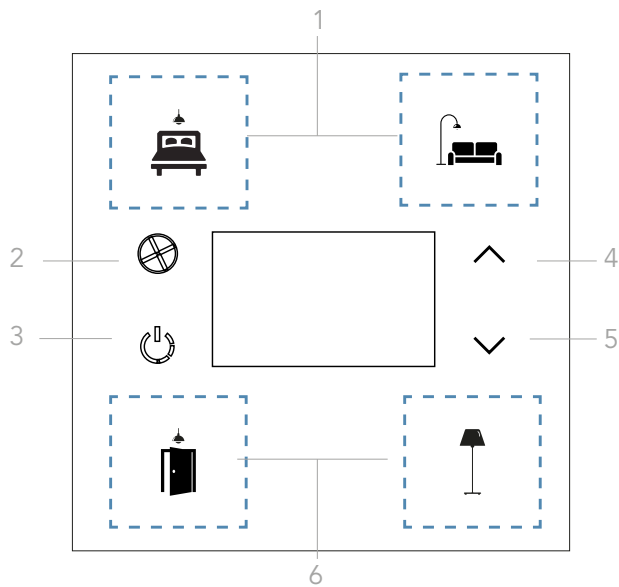
Technical Data

| | | |
|------------------------------|--|--------------------------------|
| Safety Rating | | IP 20, DIN EN 60529 |
| Safety Class | II | EN 61140 |
| Power Supply | Voltage | 21V... 30V DC, via the KNX bus |
| | Current drawn from bus | <10mA |
| Connections | KNX | Bus Connection |
| Operating Temperature | Ambient | -5° C + 45° C |
| | Storage | -25° C + 55° C |
| | Measurement Accuracy | ±0,3 °C |
| Humidity | Max. Air humidity condensation | 95% no moisture |
| Dimensions | Front Side | 85 x 85 mm |
| | SideSurface mounted part | 11 mm |
| | SideFlush mounted part | 19.4 mm |
| Material | Glass, polycarbonate | |
| Color | Black, White | |
| CE | In accordance with the EMC guideline and low voltage | |

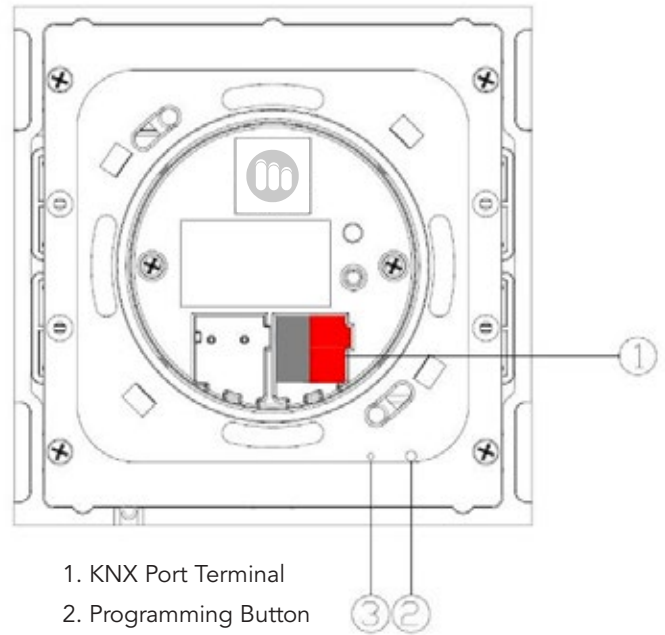


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Functional Elements and Connections



- 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

