# Thalos Key 230 Bianco

VE720900






230 Vac wall-mounted electronic thermostat with backlit display. Keyboard consists of two physical keys immediately below the display. Device designed for room temperature regulation in heating mode (winter) and cooling mode (summer).

## General features

- Plastic base for wall-mounted installation or for covering a 3-module flush-mounted box
- Display showing measured temperature and set programming
- Terminal block on the back of the device for connecting load and power supply
- Temperature control: on/off (with adjustable differential) or proportional
- Anti-freeze temperature to prevent system freezing when the device is in OFF state
- Blue display backlight always on (can be switched off)
- Keypad lock function with password to prevent modifications by unauthorised people
- Possibility to limit the range of settable temperature values
- Classification according to point 6 of European Commission Communication 2014/C 207/02: class IV

## Technical specifications

| | |
|---|---|
| **Power supply** | |
| Power supply | 230 Vac (-15% ÷ +10%) |
| Frequency | 50 / 60 Hz |
| **Temperature settings** | |
| Temperature setting range | 2 ÷ 50 °C |
| Temperature setting range Antifreeze (Off) | OFF, 1 ÷ 50 °C |
| **Parameter settings** | |
| Type of adjustment | ON-OFF or proportional |
| Differential/Hysteresis | 0.1 ÷ 1 °C |
| Modes of operation | Summer<br>Winter |
| **Measure** | |
| Temperature display resolution | 0.1 °C |
| Temperature measurement accuracy | 0.5 °C |
| **Functions** | |
| Keypad lock function | ✓ |
| **Operating conditions** | |
| Operating temperature range | 0 ÷ 50 °C |
| Relative humidity | 20% ÷ 90% non-condensing RH |

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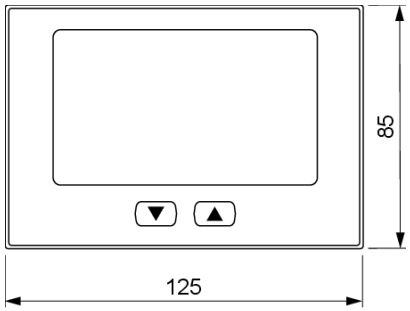
VE720900



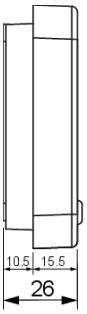
| | |
|---|---|
| **Operating conditions** | |
| Storage temperature range | -25 ÷ 70 °C |
| **Approvals and certifications** | |
| Classification according to point 6 of Communication 2014/C 207/02 of the European Commission: | Class IV |
| **Viewing** | |
| Display | Backlit LCD |
| **Outputs** | |
| Relay number | 1 |
| Relay type | Heat exchange |
| Relay capacity at 250 Vac | 5 A |
| **Terminations** | |
| Maximum cable cross-section | 1.5 mm² |
| **Mechanical features** | |
| Protection degree | IP40 |
| **Physical features** | |
| Color | White |
| Device command | Keys |
| Backlighting | ✓ |
| Backlight color | Blue |
| **Overall dimensions** | |
| Height (A) | 85 mm |
| Width (B) | 125 mm |
| Depth (C) | 26 mm |

## Dimensions

Front View




Side View




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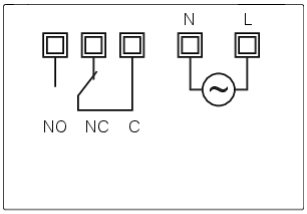
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## Wiring diagram




## Product variants

### Thalos Key 230 Nero

VE721700

230 Vac wall-mounted thermostat with backlit display and physical keys. Colour black

## Reference standards

Compliance with Community Directives:

**• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)**

is declared with reference to the following Standards:

**• EN IEC 60730-2-9 • EN IEC 63000**

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