Mithos Nero

VE312500

Smart thermostats / Climate Control



Battery-operated wall-mounted electronic smart thermostat with weekly programming. The keypad is hidden under the cover, giving the device a minimal and elegant design. 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
- Hidden keypad under the flap
- Terminal block on the back of the device for connecting load and external contact/remote temperature probe
- Automatic weekly programming with 3 temperature levels (T1, T2, T3)
- Temperature control: on/off (with adjustable differential) or proportional
- Anti-freeze temperature to prevent system freezing when the device is in OFF state
- Timing function: Maintains the current operating mode (automatic, manual, or off) for a set period of time, after which the device automatically switches to the specified mode.
- Delay function (configurable for each hour): adjusts the temperature for the first 15, 30, or 45 minutes of the current hour according to the temperature level set for the previous hour
- Automatic changeover between standard time and daylight saving time
- Keypad lock function with password to prevent modifications by unauthorised people
- Dual digital input for connecting an external contact to switch off the device and an X.temp temperature probe code VN883500
- Classification according to point 6 of European Commission Communication 2014/C 207/02: class IV

Technical specifications

Power supply	
Power supply	1 battery (AA) 1.5 V Alkalina NOT rechargeable
Battery autonomy	24 months
Power reserve	1 minute
Temperature settings	
Settable temperatures	3 + antifreeze + manual
Temperature setting range Manual	2 ÷ 35 °C
Temperature setting range Automatic	2 ÷ 35 °C
Temperature setting range Antifreeze (Off)	OFF, 1 ÷ 10 °C
Parameter settings	
Type of adjustment	ON-OFF or proportional
Differential/Hysteresis	0.1 ÷ 1 °C

Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical and functional characteristics of the products and the related production logic. The technical characteristics and images of the products indicated are given for information only and are not binding in any way, since they may be modified without prior notice.

Revision date: 2026-02-02

Parameter settings	
Modes of operation	Summer Winter
Programming	Weekly
Programming resolution	1 hour
Measure	
Temperature measuring range	0 ÷ 50 °C °C
Temperature display resolution	0.1 °C
Operating conditions	
Operating temperature range	0 ÷ 50 °C
Storage temperature range	-25 ÷ 70 °C
Viewing	
Display	LCD
Inputs	
Digital input	✓
No. digital inputs	2
Outputs	
Relay number	1
Relay capacity at 250 Vac	5 A
Physical features	
Color	Black
Device command	Keys
Overall dimensions	
Height (A)	95 mm
Width (B)	132 mm
Depth (C)	26 mm

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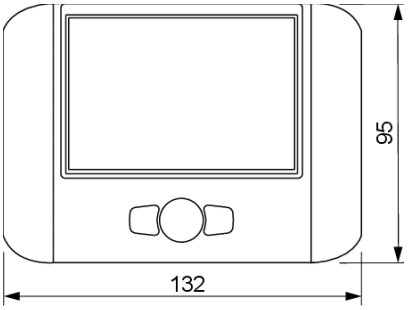
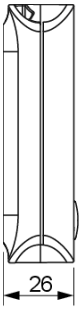
Dimensions

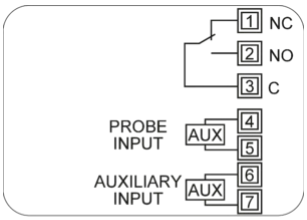
Front View



Side View



Wiring diagram



Product variants

Mithos Bianco

VE328100

Battery-operated weekly wall-mounted smart thermostat with flap and physical keys. White colour

Accessories compatible with the product

Fr.Mithos Argento

VE323200

Silver-coloured cover frame for Mithos

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 60730-2-7 • EN IEC 60730-2-9 • EN IEC 63000

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