Celo LCD

VE780300



2-module electronic thermostat, rated for 230 Vac, with a backlit LCD display, designed for installation in flush-mount boxes. Device designed for room temperature regulation in heating mode (winter) and cooling mode (summer). The keyboard consists of two physical buttons located below the display. The device features an “ADJ” menu that allows you to adjust the temperature measured and displayed on the screen, compensating for any deviations caused by the installation location.

General features

- Installation in 2-module flush-mount boxes with a height of 45 mm or greater
- Terminal block on the back of the device for connecting load and power supply
- Display showing measured temperature and system status
- Temperature control: on/off (with adjustable differential) or proportional
- Anti-freeze temperature to prevent system freezing when the device is in OFF state
- Keypad lock function with password to prevent modifications by unauthorised people
- Blue display backlight always on (can be switched off)
- Possibility of limiting the range of settable temperature values
- Displayed temperature correction function (“ADJ” menu)
- Classification according to point 6 of European Commission Communication 2014/C 207/02: class IV
- White and anthracite grey front panels included in the package
- Silver-coloured cover frame can be purchased separately
- Adapters included to adapt the instrument to the cover frames of the major residential series

Technical specifications

Power supply	
Power supply	230 Vac (-10% ÷ +10%)
Frequency	50 / 60 Hz
Temperature settings	
Temperature setting range	2 ÷ 50 °C
Temperature setting range Antifreeze (Off)	OFF, 1 ÷ 50 °C
Measured temperature compensation range	- 5 ÷ 5 °C
Parameter settings	
Type of adjustment	ON-OFF or proportional
Differential/Hysteresis	0.1 ÷ 1 °C
Modes of operation	Summer Winter
Measure	
Temperature measuring range	0 ÷ 50 °C
Temperature display resolution	0.1 °C
Temperature measurement accuracy	0.5 °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.

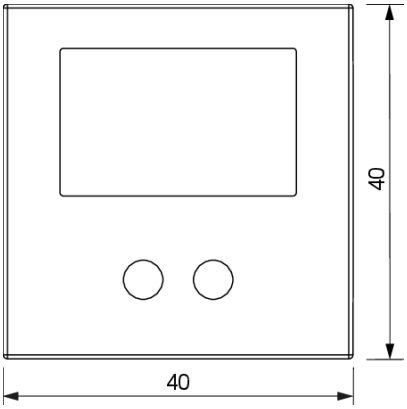
Revision date: 2026-09-01

Functions	
Keypad lock function	✓
Measured temperature compensation function	✓
Operating conditions	
Operating temperature range	0 ÷ 50 °C
Relative humidity	20% ÷ 90% non-condensing RH
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
Outputs	
Relay number	1
Relay type	Normally open
Relay capacity at 250 Vac	5 A
Terminations	
Maximum cable cross-section	1.5 mm²
Mechanical features	
Protection degree	IP40
Physical features	
Color	White Anthracite grey
Device command	Keys
Backlighting	✓
Backlight color	Blue
Overall dimensions	
Height (A)	40 mm
Width (B)	40 mm
Depth (C)	42 mm

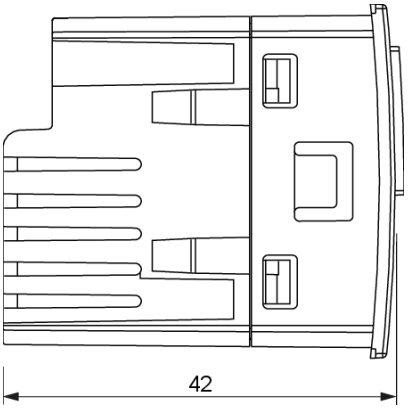
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Dimensions

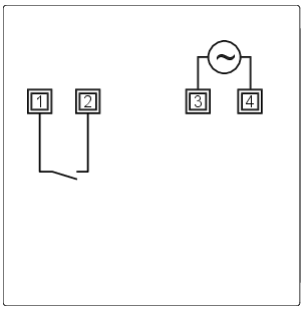
Front View



Side View



Wiring diagram



Model variants

CELO LCD-INT

Suitable only for installation on round flush-mounted boxes.

CELO LCD.NOW

Specifically designed for the BTicino Living Now® cover frame

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Compatible cover frames

ABB
ABB Mylos series

Ave
Ave S44 series

Bticino
Bticino Axolute series

Bticino
Bticino Axolute Air series

Bticino
Bticino Light series

Bticino
Bticino Living International series

Bticino
Bticino Living Now series*

Bticino
Bticino LivingLight series (LL)

Bticino
Bticino Livinglight Air series

Bticino
Bticino MatixGO series*

Gewiss
Gewiss Chorus series

Vimar
Vimar Arké series

Vimar
Vimar Eikon series

Vimar
Vimar Eikon Evo series

Vimar
Vimar Plana series

For information on whether different cover frames can be used, contact the technical service department
* via accessory not included in the package, which can be purchased separately (see dedicated section)

Accessories compatible with the product

Fr.Celo LCD Argento
VE780800
Silver-coloured cover frame for Celo LCD

NOW.KIT 3 colori
VE793400
BTicino Living Now® kit for 2-module devices. Colours white, black and sand

NOW.KIT Bianco
VE793500
BTicino Living Now® kit for 2-module devices. White colour

NOW.KIT Nero
VE793600
BTicino Living Now® kit for 2-module devices. Black colour

NOW.KIT Sabbia
VE793700
BTicino Living Now® kit for 2-module devices. Sand colour

Adattatore.Matix Go® 2M
VE800000
Adapter for the BTicino Matix Go® cover cover frame for 2-module products

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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