Akuos 230 Nero

VE477600



Wall-mounted 230 Vac electronic touch screen humidistat with backlit display. Device designed for humidity regulation in domestic and tertiary environments. The keyboard consists of two icons on the bottom of the touch screen display.

General features

- Plastic base for wall-mounted installation or for covering a 3-module flush-mounted box
- Touch screen keys on the bottom of the display
- Blue display backlight always on (can be switched off)
- Display showing measured humidity and indication for low battery situations, out-of-range values or failure
- Terminal block on the back of the device for connecting load and power supply
- Humidity compensation of +/-10% RH via settable parameter
- Possibility of limiting the upper and lower range of the setpoint values
- Keypad lock function with password to prevent modifications by unauthorised people

Technical specifications

Power supply	
Power supply	230 Vac (-15% ÷ +10%)
Frequency	50 / 60 Hz
Absorption	6 VA
Humidity settings	
Humidity setting range	OFF, 30% ÷ 90% RH
Parameter settings	
Differential/Hysteresis	± 2.5% RH (fixed differential)
Measure	
Humidity display resolution	1% RH
Humidity measurement accuracy	±5% RH
Functions	
Measured humidity value displaying	✓
Keypad lock function	✓
Functional characteristics	
Time between 2 commutations	1 minute
Operating conditions	
Operating temperature range	0 ÷ 50 °C
Relative humidity	20% ÷ 90% non-condensing RH

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.

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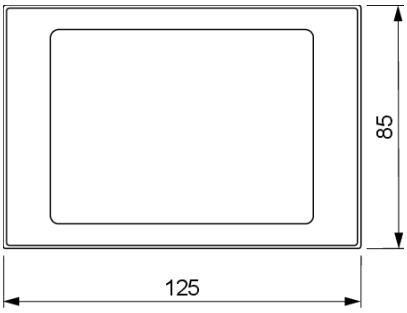
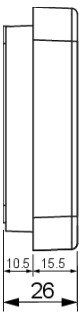
Operating conditions	
Storage temperature range	-25 ÷ 70 °C
Viewing	
Display	Backlit LCD
Outputs	
Relay number	1
Relay type	Heat exchange
Relay capacity at 250 Vac	5 A
Terminations	
Maximum cable cross-section	1.5 mm²
Mechanical features	
Protection degree	IP40
Physical features	
Color	Black
Device command	Touch screen
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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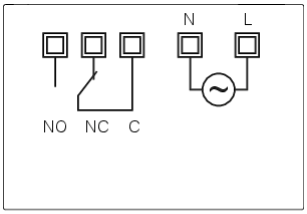
Wiring diagram



Product variants

Akuos 230 Bianco

VE476800

230 Vac wall-mounted touch screen
humidistat with backlit display. Colour white

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 60730-2-13 • EN IEC 63000

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