Hygros-INT

VE789001



[Model variant]

230 Vac electronic humidistat, 2-module flush-mounted, with knob for humidity control, for domestic and tertiary use. Suitable exclusively for flush-mounted devices in round boxes. Designed for humidity regulation (dehumidification).

General features

- For installation on 2-module round flush-mounted boxes with 60 mm diameter.
- Convenient front knob for humidity adjustment
- Terminal block on the back of the device for connecting load and power supply
- On/off humidity regulation
- Selector for switching between OFF mode and dehumidification mode (and vice versa)
- LEDs for signalling relay on/off and alarms
- White and anthracite grey front panels included in the package
- Metal bracket included to adapt the instrument to the cover cover frames of the major international residential series

Technical specifications

Power supply	
Power supply	230 Vac (-15% ÷ +10%)
Frequency	50 / 60 Hz
Humidity settings	
Humidity setting range	OFF, 30% ÷ 90% RH
Parameter settings	
Type of adjustment	ON-OFF
Differential/Hysteresis	± 2.5% RH (fixed differential)
Modes of operation	Off Dehumidification
Measure	
Temperature measuring range	0 ÷ +40 °C °C
Operating conditions	
Operating temperature range	0 ÷ 50 °C
Relative humidity	20% ÷ 90% non-condensing RH
Storage temperature range	-25 ÷ 70 °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

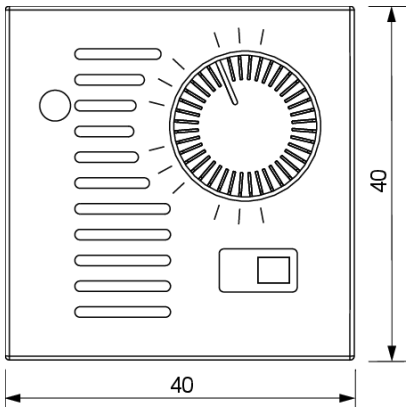
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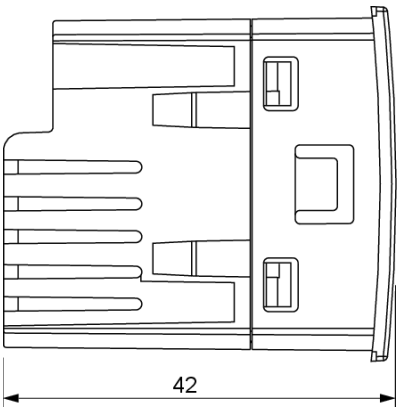
Viewing	
Display	No display
Outputs	
Relay number	1
Relay type	Normally open
Relay capacity at 250 Vac	5 A
Terminations	
Maximum cable cross-section	1.5 mm²
Mechanical features	
Protection degree	IP40
Physical features	
Color	White Anthracite grey
Device command	Knob
Overall dimensions	
Height (A)	40 mm
Width (B)	40 mm
Depth (C)	42 mm

Dimensions

Front View

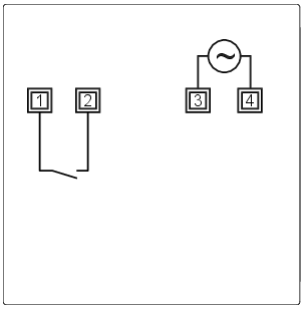


Side View



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Wiring diagram



Compatible cover frames

Berker
Berker B3 series

Berker
Berker B7 series

Berker
Berker K1 series

Berker
Berker K5 series

Berker
Berker Q1 series

Berker
Berker Q7 series

Berker
Berker S1 series

Busch-Jaeger
Busch-Jaeger FUTURE LINEAR

Busch-Jaeger
Busch-Jaeger REFLEX SI

Busch-Jaeger
Busch-Jaeger REFLEX SI LINEAR FUTURE

Busch-Jaeger
Busch-Jaeger AXCENT series

Busch-Jaeger
Busch-Jaeger CARAT series

Busch-Jaeger
Busch-Jaeger DURO 2000 SI series

Busch-Jaeger
Busch-Jaeger DURO 2000 SI LINEAR series

Busch-Jaeger
Busch-Jaeger SOLO series

Gira
Gira E2 series

Gira
Gira E3 series

Gira
Gira EVENT series

Gira
Gira F100 series

Gira
Gira STANDARD 55 series

Jung
Jung A 550 series

Jung
Jung AS series

Jung
Jung CD 500 series

Jung
Jung LS 990 series

Merten
Merten 1-M

Merten
Merten ATELIER-M series

Merten
Merten M-PLAN series

Merten
Merten M-PURE series

Merten
Merten M-SMART series

For information on whether different cover frames can be used, contact the technical service department

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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