Klio fancoil

VE335600



Wall-mounted thermostat for 2- or 4-pipe fan coils. It must be combined with one or more Rx.Fancoil actuators (up to a maximum of 5). The digital input allows the connection of a telephone dialer to remotely switch the thermostat on or off or to switch the operating mode (summer/winter). A further input allows the connection to an external temperature probe or a 'window contact' to switch off the system.

General features

- Plastic base for wall-mounted installation or for covering a 3-module flush-mounted box
- Display showing measured temperature
- Slot for communication module TX.Athena (available as accessory code VN944500)
- Terminal block on the back of the device for connecting remote actuator, digital input and remote temperature probe
- Operating modes: summer, winter
- Ventilation-only operation possible
- Possibility to connect up to 5 actuators per thermostat
- Set of configurable system parameters:
  - system type (2 or 4 pipes)
  - summer valve type (normally open, normally closed)
  - winter valve type (normally open, normally closed)
  - detected temperature correction (-5 °C to +5 °C)
  - adjustable hysteresis from 0.3 °C to 2.0 °C
  - adjustable delay between valve opening and fan start (0 to 120 seconds)
- Input for external temperature probe or window contact (for system shutdown)
- Temperature display in °C or °F
- Adjustable anti-freeze temperature (can be disabled)
- Keypad lock function: prevents unauthorized modifications
- Input for telephone dialer: allows remote on/off or switching of operating mode (summer/winter)
- Classification according to point 6 of European Commission Communication 2014/C 207/02: class I

Technical specifications

Power supply	
Power supply	From remote actuator
Temperature settings	
Temperature setting range	2 ÷ 35 °C
Temperature setting range Antifreeze (Off)	OFF, 2 ÷ 10 °C
Parameter settings	
Type of adjustment	ON-OFF or proportional
Differential/Hysteresis	0.3 ÷ 2 °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.

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Measure	
Temperature measuring range	0 ÷ 40 °C
Temperature display resolution	0.1 °C
Temperature measurement accuracy	0.5 °C
Functions	
Keypad lock function	✓
Connectivity	
Maximum distance between device and actuator or probe	100 m
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 I
Inputs	
Digital input	✓
No. digital inputs	1
Auxiliary input features	Configurable
No. of connectable actuators	5 max
Outputs	
Relay capacity at 250 Vac	8 A
Terminations	
Maximum cable cross-section	1.5 mm²
Mechanical features	
Protection degree	IP40
Physical features	
Color	White
Device command	Keys
Overall dimensions	
Height (A)	98 mm
Width (B)	138 mm
Depth (C)	28 mm

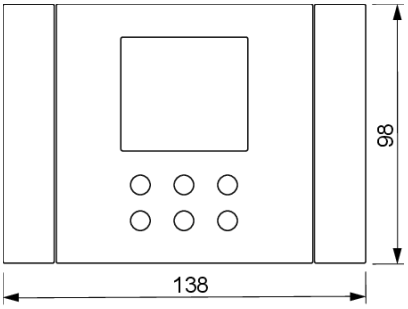
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Dimensions

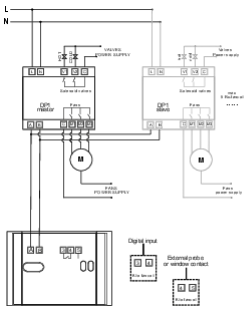
Front View



Side View



Wiring diagram



Product set

Set fancoil

VE337200

Configured set consisting of Klio Fancoil and Rx.Fancoil actuator

Accessories compatible with the product

Rx.fancoil

VE336400

Remote actuator for 230 Vac fan coil with three speeds

TX.Athena

VN944500

Radio-frequency module for the Klio thermostat or Athena programmable thermostat

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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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