

Comfort - TECHNICAL CHARACTERISTICS

Electronic timer-thermostat

Scope

Suitable to control the ambient temperature (heating and air conditioning) with 24 hour/7 day programs.

Action on the supply circuit of burners or of water circulation pumps (heating) or on the supply circuit of air conditioners (air conditioning).

All parameters may be simply and intuitively programmed through a guided system of interactive menus (all instructions are shown on the display), using the 4 push buttons on the front of the device.

Technical specifications

- supply voltage:
 - **16575**: 120-230 V~ 50-60 Hz
 - **16576**: 3 V d.c. with 2 AA LR6 1,5 V batteries (not supplied)
- average absorption: 1 VA
- clock backup battery duration:
 - 16575: about 10 days, with CR2032 battery (supplied)
- output:
 - 16575: 6(2) A 230 V~ change-over relay output
 - 16576: 5(2) A 250 V~ change-over relay output
- ambient temperature display: 0 °C +40 °C
- software setting: possibility of compensating the temperature reading with a software offset (± 3 °C max) to adapt the measurement to the specific installation conditions
- operating range:
 - +4 °C - +15 °C in antifreeze mode
 - +5 °C - +35 °C in heating or cooling mode
- Protection degree: IP40
- Class II equipment: 
- Possibility of protection against removal using the screw provided.

Main functions

- hourly temperature settings in 20-minute steps
- 3 programmable temperature set-points for heating + 3 temperature set-points for cooling
- weekly programming
- 2 fixed programs and 2 user configurable programs (for both heating and cooling)
- possibility of overriding the program to vary the temperature
- programs retained even in the event of a power outage
- regulation for both heating and cooling systems
- antifreeze function
- possibility of timed switch off
- remote activation option via telephone dialler
- instructions in 5 languages (Italian, English, French, Spanish, German)
- device reset
- self-diagnostic functions: automatically activated at regular intervals during normal operation, to check the state of the temperature probe, the state of the display driver, the efficiency of the EEPROM memory, the efficiency of the backup stage
- button lockout function with 3-digit PIN number to prevent unauthorised access to all the thermostat functions and programs (for example, when installed in a public place)
- Timed back-lit display, activated by pressing one of the four push buttons.

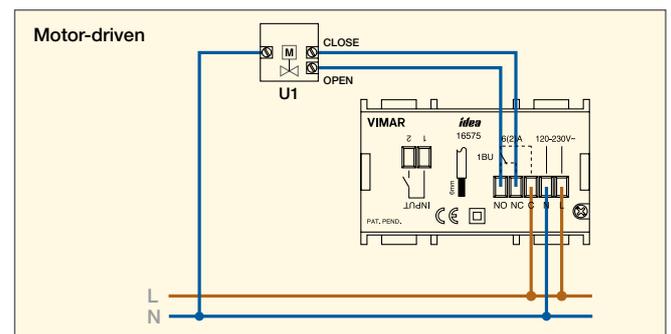
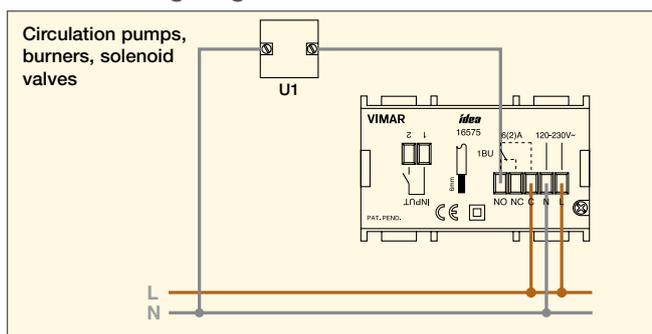
Conformity to Standards

LV Directive

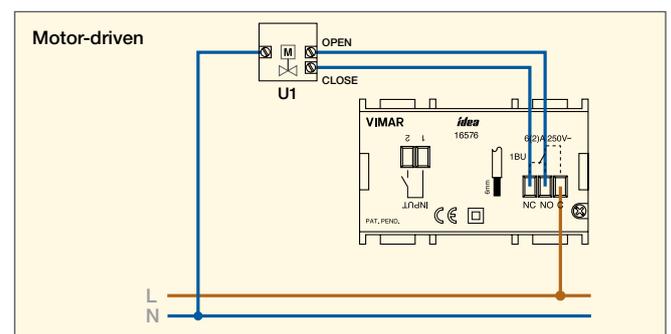
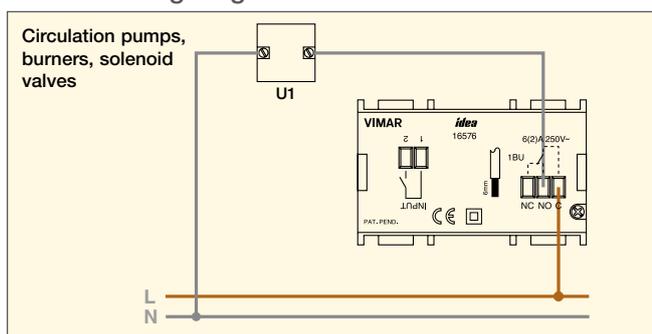
EMC Directive

EN 60730-1, EN 60730-2-7, EN 60730-2-9 Standards

16575 - Wiring diagrams



16576 - Wiring diagrams



Electronic timer-thermostat

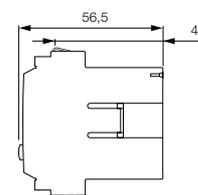
16575 .B Electronic timer-thermostat for ambient temperature control (heating and air conditioning), 24 hour/7 days programming, 6(2) A 230 V~ change-over relay output, supply voltage 120-230 V~ 50-60 Hz - 3 modules



16575
grey



16575.B
white



Electronic timer-thermostat

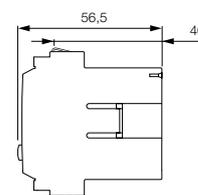
16576 .B Electroni timer-thermostat for ambient temperature control (heating and air conditioning), 24 hour/7 days programming, 5(2) A 250 V~ change-over relay output, supply through two AA LR6 1,5 V batteries (not supplied) - 3 modules



16576
grey



16576.B
white



16575 and 16576 - Front view

