

Digital chronothermostats

Series of electronic chronothermostats with weekly programming and wall-mounting designed for environment temperature control for both heating and cooling. It is available in white and black with AC or battery-supply.

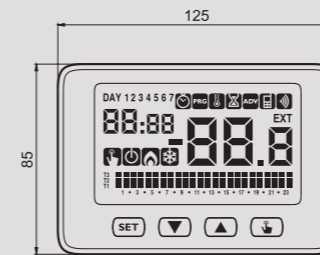


- 1 Plastic base for wall-mounting or for coverage of three built-in module box
- 2 Large blue backlight display shows the operating status, time and day and the measured temperature
- 3 Terminals are in the back of the instrument for the connection to the output relay, to the power supply (only for 230V models) and to the external contact (only for battery models) and to the external contact (only for battery models)
- 4 Keypad for the instrument programming

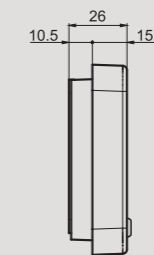
CHRONOS KEY

DIMENSIONS (mm)

Front view

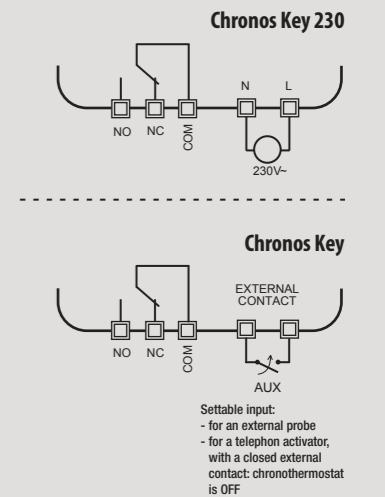


Side view



CONNECTION DIAGRAM

Diagram



CLIMATE CONTROL

WALL-MOUNTING CHRONOTHERMOSTATS WITH WEEKLY PROGRAMMING

- Summer/winter regulation mode
- Automatic programming with:
 - 7 programs for winter mode (modifiable)
 - 7 programs for summer mode (modifiable)
- ON/OFF or proportional temperature regulation
- 5 settable temperatures:
 - T1, T2, T3 in automatic operation
 - Tm in manual operation
 - Toff in OFF mode (antifreeze temperature, removable)
- Minimum interval of regulation: 1 hour
- Switching delay settable among 15, 30 or 45 minutes (independent for each hour)
- Monostable output relay 5A / 250 Vac
- Keypad lock by password
- Automatic summer/winter time change

Chronos Key 230

- Power supply: 230Vac 50/60Hz
- Charge reserve (in case of black-out): about 2 days
- Display with blue backlighting always active (it can be turned off in case of need)

Chronos Key

- Power supply: 2x1.5 V (AAA type)
- Charge reserve (for battery replacement): 1 minute
- Display with blue backlighting ((active just pressing a key)
- The digital input is settable and permits the connection of an external temperature probe or a telephone activator for remote switching on/off.



digital input

Code	Model	Description	Colour	Power supply
VE727400	Chronos Key 230 Bianco	Weekly chronothermostat with backlit display	White	230 V~
VE728200	Chronos Key 230 Nero	Weekly chronothermostat with backlit display	Black	230 V~
VE725800	Chronos Key Bianco	Weekly chronothermostat with backlit display	White	Battery
VE726600	Chronos Key Nero	Weekly chronothermostat with backlit display	Black	Battery

TECHNICAL INFORMATION

GENERAL CHARACTERISTICS

Power supply	Chronos Key 230	V AC	230 (-15% ÷ +10%) 50/60 Hz
	Chronos Key	Battery	2 x 1.5V (AAA type)
Mounting	wall		
Maximum cable section	mm ²		1.5
Programming	weekly		
Operating mode	summer/winter/off		
Regulation type	ON/OFF or proportional		
Differential	°C		0.1 ÷ 1
Settable temperatures	3 + manual + antifreeze		
Setpoint range	°C		2 ÷ 35
Measured temperature resolution	°C		0.1
Measurement precision	°C		0.5
Antifreeze temperature (removable)	°C		1 ÷ 10

Programming resolution	1 hour
Switch on delay	15, 30 or 45 minutes
Output relay capacity	5A / 250V (monostable)
Timer precision	± 1 s/day
Digital input (only for Chronos)	settable
Operating temperature	°C 0 ÷ 50
Storage temperature	°C -10 ÷ 65
Operating humidity	RH 20% ÷ 90% non condensing
Protection degree	IP40

REFERENCE STANDARDS

Compliance with Community Directives: 2006/95/EC (Low Voltage), 2004/108/EC (E.M.C.) is declared with reference to the following standards: • EN 60730-2-7 • EN 60730-2-9