

Electronic thermostats

THALOS KEY

DIMENSIONS (mm)

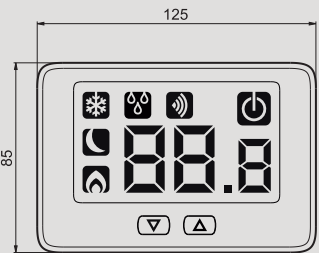
CONNECTION DIAGRAM

Series of electronic wall-mounting thermostats designed for environment temperature control both in heating and cooling, available in white and black colours and with AC power supply or battery.

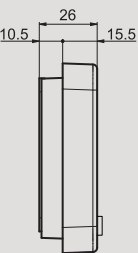


- 1 Plastic base for wall-mounting installation or to cover the in-built three-modules box
- 2 Wide touch screen backlit display of blue colour to view the measured temperature and for instrument programming
- 3 Terminals in the back of the instrument for connection to the relay output, power supply (230V models only) and external contact (battery model only)

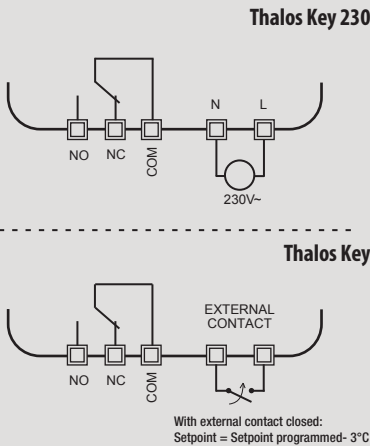
Front view



Side view



Diagram



CLIMATE CONTROL

TECHNICAL INFORMATION

WALL-MOUNTING THERMOSTATS

THALOS KEY 230

- Power supply: 230Vac 50/60 Hz
- Operating mode: summer/winter/off
- ON/OFF type temperature regulation with adjustable differential
- Off function with antifreeze temperature (adjustable)
- Monostable relay output 5 A/250 V AC
- Password protected lock keypad
- Possibility to limit the range of values settable as setpoint
- Display with backlighting of blue colour (removable)

THALOS KEY

- Power supply: 2x1.5V (AAA type)
- Operating mode: summer/winter/off
- ON/OFF type temperature regulation with adjustable differential
- Off function with antifreeze temperature (adjustable)
- Bistable relay output with 5 A / 250 V ac
- Password protected lock keypad
- Possibility to limit the range of values settable as setpoint
- Display with monocolour backlighting (blue) timed active after the press of a key
- Digital input for the reduction of the setpoint of 3°C by external contact



Code	Model	Description	Colour	Power supply
VE720900	Thalos Key 230 Bianco	Thermostat with backlit display	White	230 V~
VE721700	Thalos Key 230 Nero	Thermostat with backlit display	Black	230 V~
VE718300	Thalos Key Bianco	Thermostat with backlit display	White	Battery
VE719100	Thalos Key Nero	Thermostat with backlit display	Black	Battery

GENERAL CHARACTERISTICS

Thalos Key 230

Power supply	V AC	230 (-15% ÷ +10%)
Frequency	Hz	50/60
Mounting		wall
Maximum cable section	mm ²	1.5
Output relay capacity		5A / 250 V (monostable)
Input		-
Operating mode		summer/winter/off
Setpoint range	°C	2 ÷ 35
Differential	°C	0.1 ÷ 1
Measurement temperature resolution	°C	0.1
Measurement precision	°C	0.5
Antifreeze temperature	°C	1 ÷ 10
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 60730-2-9

Thalos Key

Alkaline batteries supply	2 x 1.5V (AAA type)
Battery life	months 12
Mounting	wall
Maximum cable section	mm ² 1.5
Output relay capacity	5A / 250 V (bistable)
Input	two terminals for setpoint reduction
Operating mode	summer/winter/OFF
Setpoint range	°C 2 ÷ 35
Differential	°C 0.1 ÷ 1
Measurement temperature resolution	°C 0.1
Measurement precision	°C 0.5
Antifreeze temperature	°C 1 ÷ 10
Operating temperature	°C 0 ÷ 50
Storage temperature	°C -10 ÷ 65
Operating humidity	RH 20% ÷ 90% non condensing
Protection degre	IP40