### **KLIMA LCD**

### DIMENSIONS (mm)

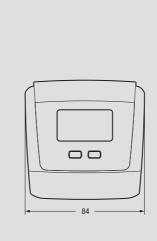
Front view

### **CONNECTION DIAGRAM**

Series of electronic wall-mounting thermostats designed for environment temperature control both for heating and cooling and with AC or battery power supply..

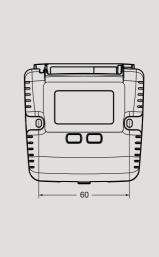


- Wall-mounting installation
- Terminals are in the back of the instrument for the connection to the output relay, to the power supply (only for Klima LCD 230) and to the external contact (only for Klima LCD)
- Keypad for the instrument programming
- Display to view the measured temperature and the programming parameters

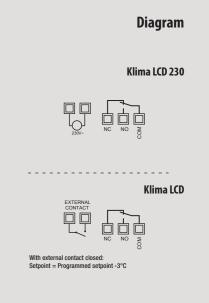




Side view



**Rear view** 





### **TECHNICAL INFORMATION**

# **CLIMATE CONTROL**

#### **WALL-MOUNTING THERMOSTATS**

- Power supply:
- 230 Vac 50/60 Hz for Klima LCD 230 model
- 2 x 1.5 V (AAA type) for Klima LCD model
- Operating mode: summer/winter/off ON/OFF or proportional temperature regulation
- Off function with antifreeze temperature (adjustable)
- Bistable output relay 5 A/250 V AC
- Two protection levels against undesired modifications:
  - to limit the range of settable values as setpoint
  - to set the keypad lock by password
- Digital input to reduce the chosen setpoint of 3°C through external contact (only for Klima LCD)



## **GENERAL CHARACTERISTICS**

#### Klima LCD 230

Power supply	V AC	230 (-15% ÷ +10%)
Frequency	Hz	50/60
Mounting		wall
Maximum cable section	mm <sup>2</sup>	1.5
Output relay capacity		5A / 250 V
Digital input		-
Operating mode		summer/winter/off
Setpoint range	$^{\circ}$	2 ÷ 35
Differential	$^{\circ}$	0.1 ÷ 1
Measured temperature resolution	$^{\circ}$	0.1
Measurement precision	$^{\circ}$	0.5
Antifreeze temperature	$^{\circ}$	1 ÷ 10, removable
Operating temperature	$^{\circ}$	0 ÷ 50
Storage temperature	$^{\circ}$	-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

### Klima LCD

Alkaline batteries power supply		2 x 1.5V (AAA type)
Battery life	months	12
Mounting		wall
Maximum cable section	mm <sup>2</sup>	1.5
Output relay capacity		5A / 250 V
Digital input		for setpoint reduction
Operating mode		summer/winter/off
Setpoint range	$^{\circ}$	2 ÷ 35
Differential	$^{\circ}$	0.1 ÷ 1
Measured temperature resolution	$^{\circ}$	0.1
Measurement precision	$^{\circ}$	0.5
Antifreeze temperature	$^{\circ}$	1 ÷ 10, removable
Operating temperature	$^{\circ}$	0 ÷ 50
Storage temperature	$^{\circ}$	-10 ÷ 65
Operating humidity	RH	$20\% \div 90\%$ non condensing
Protection degree		IP40

#### Code Model Colour Description Power supply VE730800 Klima LCD 230 Electronic thermostat with display White 230 V~ VE729000 Klima LCD Electronic thermostat with display White Battery



Klima LCD\_201409

