

Electronic thermostats

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

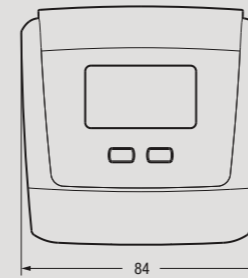


- 1 Wall-mounting installation
- 2 Terminals are in the back of the instrument for the connection to the output relay, to the power supply (only for Klima LCD 230) and to the external contact (only for Klima LCD)
- 3 Keypad for the instrument programming
- 4 Display to view the measured temperature and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

KLIMA LCD

DIMENSIONS (mm)

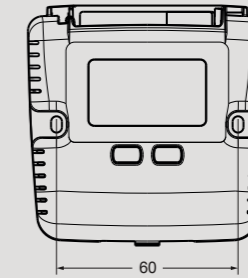
Front view



Side view



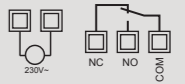
Rear view



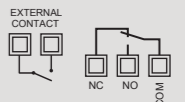
CONNECTION DIAGRAM

Diagram

Klima LCD 230



Klima LCD



With external contact closed:
Setpoint = Programmed setpoint - 3°C

CLIMATE CONTROL

TECHNICAL INFORMATION

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)

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

GENERAL CHARACTERISTICS

Klima LCD 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
Digital input		-
Operating mode		summer/winter/off
Setpoint range	°C	2 ÷ 35
Differential	°C	0.1 ÷ 1
Measured temperature resolution	°C	0.1
Measurement precision	°C	0.5
Antifreeze temperature	°C	1 ÷ 10, removable
Operating temperature	°C	0 ÷ 50
Storage temperature	°C	-10 ÷ 65
Operating humidity	RH	20% ÷ 90% non condensing
Protection degree		IP40

Klima LCD

Alkaline batteries power 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
Digital input		for setpoint reduction
Operating mode		summer/winter/off
Setpoint range	°C	2 ÷ 35
Differential	°C	0.1 ÷ 1
Measured temperature resolution	°C	0.1
Measurement precision	°C	0.5
Antifreeze temperature	°C	1 ÷ 10, removable
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