

Electronic thermostat

THALOS

DIMENSIONS (mm)

CONNECTION DIAGRAM

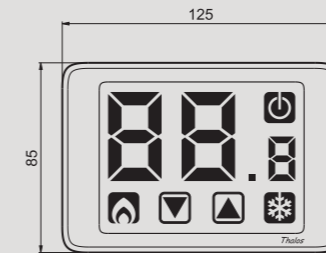
Serie of wall mounting touch screen thermostats designed for temperature control both in heating and cooling, available in white and black colors and with AC power supply or battery.



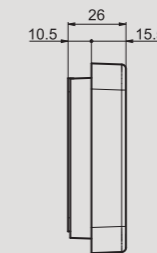
- 1 Plastic base for wall-mounting installation or to cover the in built three-module box
- 2 Wide touch screen display to view the ambient temperature and to easy programme
- 3 Terminals in the back of the instrument for connection to the relay output, power supply (230V models only) and external contact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



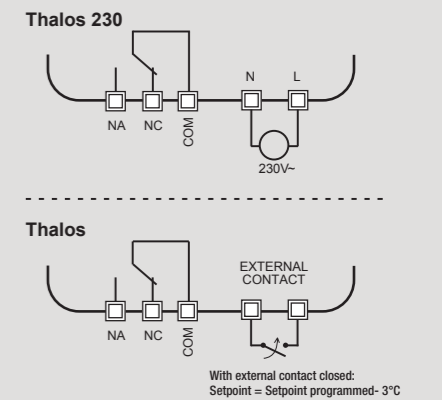
Front view



Side view



Diagram



CLIMATE CONTROL

TECHNICAL INFORMATION

WALL-MOUNTING TOUCH SCREEN THERMOSTAT

THALOS 230

- Power supply: 230Vac 50/60 Hz
- Operating mode: summer/winter/OFF
- ON/OFF type regulation with adjustable hysteresis
- Off function with antifreeze temperature (adjustable)
- Monostable relay output with 5 A change-over contact (250 V AC)
- Password protected lock keypad
- Possibility to limit the range of values that can be set as the setpoint
- Multicolor backlight display:
 - blue if the measured room temperature is lower than the setpoint at least of 0.5 °C;
 - green if the gap between the measured temperature and the programmed setpoint is lower than 0.5 °C;
 - red: if the measured room temperature is higher than the setpoint at least of 0.5 °C.



THALOS

- Power supply: 2x1.5V (AAA type)
- Operating mode: summer/winter/OFF
- ON/OFF type regulation with adjustable hysteresis
- Off function with antifreeze temperature (adjustable)
- Bistable relay output with 5 A change-over contact (250 V AC)
- Password protected lock keypad
- Possibility to limit the range of values that can be set as the setpoint
- Monocolor backlight display (blue) activation after a key pressure
- Input for free voltage contact for the reduction of the setpoint of 3°C



Code	Model	Description	Colour	Power supply
VE434700	Thalos 230 Bianco	Touchscreen thermostat batteries with digital input	White	230 V~
VE435400	Thalos 230 Nero	Touchscreen thermostat batteries with digital input	Black	230 V~
VE432100	Thalos Bianco	Touchscreen thermostat 230V with multicolor display	White	Battery
VE433900	Thalos Nero	Touchscreen thermostat 230V with multicolor display	Black	Battery

GENERAL CHARACTERISTICS

Thalos 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
Hysteresis	°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

Thalos

Alkaline batteries supply		2 x 1.5V (AAA)
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
Hysteresis	°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

APPLICABLE STANDARDS

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