

Digital thermostats

Wall-mounting weekly thermostat with integrated interface. Mithos evolution, it inherits its technical and functional features (except for the power supply), but integrating a GSM module which allows the remote control of the thermostat through your mobile phone. The digital input, moreover, allows the connection of an external device: in this way it's possible to monitor alarm situation, promptly signalled through the sending of an sms to some configurable utilities.



- 1 Plastic base for wall-mounting or fastening on 503 type box wall fixing (or similar)
- 2 Wide display to view operating status, time and day, temperature inside and outside the environment
- 3 Keypad hidden behind the front panel for the adjustment of the programs and the temperatures
- 4 Two colours are available: white or black
- 5 Power supply: 230 Vac (with backup battery which ensures one hour of duration if there is a blackout)
- 6 Slot for the sim card insertion
- 7 Digital input configurable for the connection of an external probe of temperature or of an auxiliary device

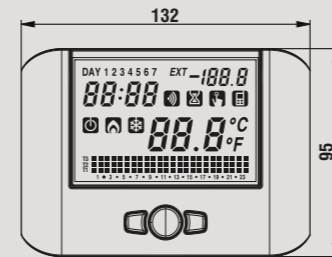
GSM INTERFACE

- Gsm quad-band module (850-900-1800-1900MHz)
- Compatibility with 3V sim card and standard gsm 11.12 phase 2+
- Possibility to store until 5 numbers with whom to act on the instrument and to receive alarms
- Integrated Gsm antenna

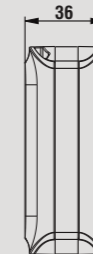
MITHOS GSM

DIMENSIONS (mm)

Front view

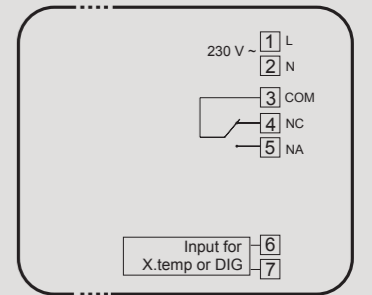


Side view



CONNECTION DIAGRAM

Diagram



CLIMATE CONTROL

GSM WALL-MOUNTING WEEKLY THERMOSTAT

- 3 operating modes:
 - Automatic (3 temperature values)
 - Manual (with manual temperature)
 - Off (with antifreeze temperature)
- Programming:
 - 7 programs for winter operation (modifiable)
 - 7 programs for summer operation (modifiable)
- Summer/winter operation
- Timed operation (manual, automatic, off)
- Switching delay adjustable to 15,30 or 45 minutes (independent for every hour)
- Temperature regulation ON-OFF type or proportional
- Bistable relay output with 8 A change-over contact (250 V AC)
- Key lock for installation in public places
- Automatic switch between CET/DST
- Regulation option on external probe of temperature (accessory)



FUNCTION WHEN REMOTE

Simply through a ringing telephone...
... possibility to switch on or to switch off the device

Sending an sms...

- ... to set the operating mode (automatic, manual or off)
- ... to set the different regulation temperatures (T1, T2, T3, T antifreeze, Tmanual)
- ... to request the measured temperature or the overall situation of the system

Receipt of an sms if...

- ... a generic external alarm through digital input (for example boiler block alarm)
- ... a power failure/restore alarm
- ... an overcoming of minimum/maximum temperature threshold



TECHNICAL INFORMATION

GENERAL CHARACTERISTICS

Power supply	V AC	230
Charge reserve	h	1
Fastened		wall / wall box 503
Relay capacity 250 V AC output	A	8
Programming		weekly
Summer/winter operation		yes
Temperature settings		3 + antifreeze+ manual
Temperature regulation range:		
	Automatic °C	+2 ÷ +50
	Manual °C	+2 ÷ +50
	Antifreeze °C	OFF, +1 ÷ +15
Internal probe temperature measurement	°C	0 ÷ +50
External probe temperature measurement	°C	-40 ÷ +60

Measure precision	°C	0.5
Temperature resolution	°C	0.1
Programming resolution	h	1
Gap between two temperature measurements	s	20
Activation delay	min	15, 30 or 45
Regulation type		ON-OFF or proportional
Adjustable differential (in ON-OFF)	°C	0,1 ÷ 1
Band (in Proportional)	°C	0,5 ÷ 5
Period (in Proportional)	min	10, 20, 30
Degree of protection	IP	XXD
Operating temperature	°C	0 ÷ +50
Storage temperature	°C	-10 ÷ +65
Relative humidity	HR	20 ÷ 90% noncondensing

Code	Model	Function	Colour
VE384400	Mithos GSM Nero	GSM wall-mounting thermostat 230Vac	Black
VE385100	Mithos GSM Bianco	GSM wall-mounting thermostat 230Vac	White
VE323200	FR. Mithos	Silver painted front panel for Mithos	Silver

APPLICABLE STANDARDS

Compliance with Community Directives: 1999/5/CE (R&TTE) is declared in reference to the following standards: • Safety: EN 60730-2-7 / EN 60730-2-9 • Compatibility E.M.: EN 301489-1, EN 301489-7