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WEEKLY DIGITAL CHRONOTHERMOSTAT

CR028/B model

Product informations

The weekly chronothermostat suitable for all heating and/or cooling systems, equipped with a backlit display to monitor all its functions in real time.

Product features

- **pre-programmed at the factory** for operation defined as standard
- easy to use thanks to menu navigation
- 2 winter and 2 summer programmes with 3 temperature levels + antifreeze are already set in its permanent memory
- the temperature scale is set in Centigrade (Celsius) with the possibility of calibrating the room temperature measurement by setting a correction value (- 3°C to + 3°C); by switching to Fahrenheit degrees, all temperature displays are updated according to the new scale
- offers the possibility to connect a separate removable temperature sensor (optional) and then set it according to your system requirements: remote, floor and external
- avoids energy waste thanks to its temporary or permanent manual override with autonomous temperature SET of the current weekly programme
- equipped with a 4.3" backlit touchscreen LCD display
- automatic summer time changeover
- suspension key for cleaning
- user and installer passwords
- timed backlighting
- relay status indication
- correction t detection depending on product wall mounting and/or semi-recessed



Weekly Digital Chronothermostat

DISPLAY LEGEND	
1	CHRONOTHERMOSTAT ACTIVATION BY REMOTE CONTROL
2	SET TEMPERATURE DISPLAY
3	TEMPORARY AND PERMANENT MANUAL OVERRIDE
4	CURRENTLY ACTIVE SET TEMPERATURE DEPENDING ON THE CURRENT PROGRAMME: • T1 COMFORT • T2 ACTIVITY (PRE-COMFORT) • T3 ECONOMY (SAVINGS) • T ANTIFREEZE
5	DAYS OF THE WEEK (VISIBLE IN THE PROGRAM MENU)
6	CURRENT DAY, HOUR AND MINUTE
7	LOW BATTERY WARNING
8	COOLING MODE (SUMMER) ACTIVE
9	• SIGNALLING OPERATING USER = ON AND FLASHING (E.G. BOILER ON) • SIGNALLING OPERATING USER = ❄ AND ON FLASHING (E.G. AIR CONDITIONER ON)
10	HEATING MODE (WINTER) ACTIVE
11	DETECTED ROOM TEMPERATURE
12	24 HOUR TIME AND TEMPERATURE SCALE

KEY LEGEND	
A	MULTIFUNCTIONAL KEY: • MENU = ACCESS TO MENU • BACK = GO BACK PREVIOUS ITEM • SET T. = CHANGE TIME PROFILE (PROGRAM)



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KEY LEGEND	
B	KEY ▲ MENU NAVIGATION: ALLOWS YOU TO INCREASE THE VALUE OF A SETTING
C	KEY ▼ MENU NAVIGATION: ALLOWS YOU TO DECREASE THE VALUE OF A SETTING
D	MULTIFUNCTIONAL KEY: • CHRONOTHERMOSTAT IN OFF (THERMOREGULATION DEACTIVATED) • SUSPENSION OF CURRENT PROGRAMME FOR HOUSE CLEANING • SHORT PRESS: ACCESS TO SELECTED MENU / CONFIRMATION OF FUNCTION OR SET VALUE (WITHIN MENU) • PROLONGED PRESSURE (4 SEC.): SAVE MODIFIED TIME/THERMAL PROGRAMME (PROGRAM MENU)

Technical Features

POWER SUPPLY	2 X 1.5 V TYPE AA ALKALINE BATTERIES (LR6)
AUTONOMY	APPROXIMATELY 2 YEARS
AUTONOMY WHEN THE FLASHING 'LOW BATTERY' SYMBOL LIGHTS UP ON THE DISPLAY	APPROXIMATELY 15 DAYS
WHITE BACKLIGHTING OF THE DISPLAY	TIMED 6 SEC. (DEFAULT) / ALWAYS OFF
TYPE OF ACTION, DISCONNECTION AND DEVICE	1 / B / U / ELECTRONIC



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OUTPUT TYPE	VOLTAGE FREE RELAY WITH COM/NO/NC, CHANGE OVER CONTACT - MAX. 5(3)A/250V
SOFTWARE	CLASS A
NOMINAL IMPULSE VOLTAGE	4 KV
CONTACT INPUT FOR REMOTE ON/OFF	FOR NO OR NC CONTACT FREE FROM POTENTIAL
INPUT FOR REMOTE PROBE	PROBE MAY BE SET DEPENDING ON USE: REMOTE, FLOOR, EXTERNAL
TYPE OF INSULATION	CLASS II
DEGREE OF PROTECTION	IP30 (NOT PROTECTED AGAINST THE INGRESS OF LIQUIDS, BUT PROTECTED AGAINST THE INGRESS OF SOLID OBJECTS LARGER THAN 2.5 MM)
NUMBER OF TEMPERATURE LEVELS	• COMFORT • ACTIVITY (PRE-COMFORT) • ECONOMY • ANTIFREEZE
ROOM TEMPERATURE DISPLAY SCALE	- 5°C ÷ + 37,7°C (+ 23°F ÷ + 99,9°F)
FLOOR PROBE DISPLAY RANGE	- 0.0°C ÷ + 60.0°C (+ 32°F ÷ + 140°F)
EXTERNAL PROBE DISPLAY RANGE	- 9.9°C ÷ + 60.0°C (+ 14.2°F ÷ + 140°F)
RELAY SIGNALLING ON	• + ON (WINTER) • ❄ + ON (SUMMER FLASHING)



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TEMPERATURE CONTROL MODES: • IN DIFFERENTIAL ON/OFF MODE • IN MODULATING PROPORTIONAL MODE	• ERP CLASS I 1% • ERP CLASS IV 2%
OPERATING TEMPERATURE LIMITS	• ADJUSTABLE FROM 0.2°C TO 1.2°C (0.3°F TO 2.1°F) DEFAULT 0.3°C (0.4°F) • DURATION CYCLES SETTABLE FROM 7 TO 20 MINUTES (DEFAULT 10 MINUTES)
STORAGE TEMPERATURE LIMITS	0°C ÷ + 45°C
DIMENSIONS	- 10°C ÷ + 60°C

SKU	MODEL	PRICE
00000080534	WEEKLY DIGITAL CHRONOTHERMOSTAT - CR028/B MODEL	€197.95 VAT EXCLUDED

