# 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



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| *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:<br>• **T1** COMFORT<br>• **T2 ACTIVITY (PRE-COMFORT)**<br>• **T3 ECONOMY (SAVINGS)**<br>• **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)<br>• 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:<br>• **MENU = ACCESS TO MENU**<br>• **BACK = GO BACK PREVIOUS ITEM**<br>• **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:<br>• CHRONOTHERMOSTAT IN OFF (THERMOREGULATION DEACTIVATED)<br>• SUSPENSION OF CURRENT PROGRAMME FOR HOUSE CLEANING<br>• SHORT PRESS: ACCESS TO SELECTED MENU / CONFIRMATION OF FUNCTION OR SET VALUE (WITHIN MENU)<br>• PROLONGED PRESSURE (4 SEC.): SAVE MODIFIED TIME/THERMAL PROGRAMME (PROGRAM MENU) |

## Technical Features

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|---|---|
| ***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, CHANGEOVER 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<br>• ACTIVITY (PRE-COMFORT)<br>• ECONOMY<br>• 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)<br>• ❄ + ON (SUMMER FLASHING) |



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|---|---|
| ***TEMPERATURE CONTROL MODES:***<br>***• IN DIFFERENTIAL ON/OFF MODE***<br>***• IN MODULATING PROPORTIONAL MODE*** | • ERP CLASS I 1%<br>• 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)<br>• 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** |

