Weekly chronothermostat with battery power supply

DGTOUCH2

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CODE	DESCRIPTION
DGTOUCH2	Digital Chronothermostat with weekly time programme, touch-screen display and battery power supply.

APPLICATION AND USE

DGTouch is a weekly chronothermostat with battery power supply and 3 temperature schedule (comfort, savings and off) for each day of the week. The chronothermostat has an elegant design and a large 3.8 "touch-screen display that allows you to set the desired temperature, both in winter and summer, thanks to the ability to regulate heating systems and systems of conditioning.

The digital clock allows you to manage your system autonomously and individually during the day, and the time schedule is simple and intuitive.

The ability to adjust the room temperature on two levels (Comfort and Economy) allows an environmental friendly room temperature control.

TECHNICAL CHARACTERISTICS

Dimensions:	120x90x28 mm
Touch screen display:	80x55 mm (3,8") with back-light
Temperature adjustment field:	4÷40 °C (40÷104 °F) 0.5 °C/°F steps (programmable)
System switch-on/off differential temperature:	0,5 °C
Working and storage temperature :	0÷45 °C
Power supply:	2 AAA - LR3 - 1.5V alkaline batteries

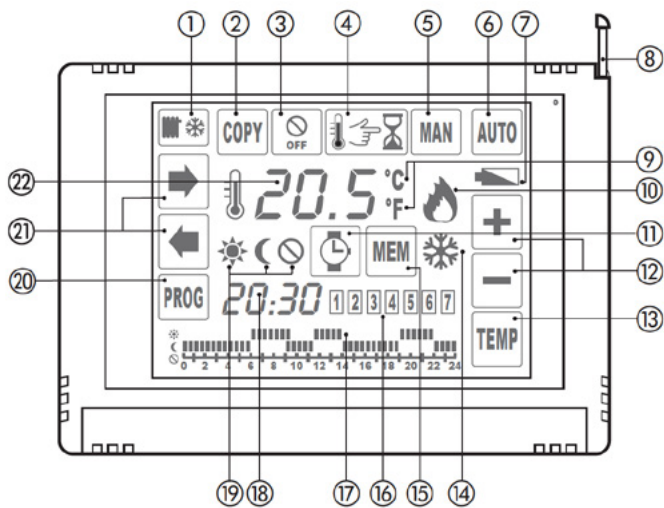|	
System activation contact:	Relay with 1 free contact in 6 ÷ 230V - 5 (0.5) A max deviation
Protection rating:	IP20

This product complies with Directive 2014/30/UE (electromagnetic compatibility) and 2014/35/UE (low voltage)

OPERATION

The DGTouch chronothermostat has the following features and operating modes:

- Automatic operation, with separate time schedule for each day of the week (40 weekly programs already precompiled), 3 levels of temperature (comfort, economy and off with frost protection), minimum 30 minute interval
- Permanent manual operation (selection of a fixed operating temperature)
- Manual operation and "holidays" program: set of a temporary operating temperature with return to automatic operation at the end of the time interval, without the user intervention
- Switch off the system with frost protection temperature setting
- Summer/Winter changeover
- Initial Configuration Menu
- Reminder ringtone

Symbols on the display

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① Winter 🔥 / Summer ❄ selection key

② Copy function key of the time programming [COPY]

③ System switch-off key with frost protection function [⊘OFF]

④ Temporary manual operation selection key [🌡☞⌛]

⑤ Permanent manual operation selection key [MAN]

⑥ Automatic operation selection key according to the programmed time schedule [AUTO]

⑦ Low battery ▬◣

⑧ Stylus for touch screen use

⑨ Indication of the temperatures unit of measure (Centigrades/Fahrenheit) ℃/℉

⑩ Winter operation switch-on 🔥

⑪ Key for adjusting current time [🕔]

⑫ Keys for adjusting the ambient temperatures [+] [−]

⑬ Selection key of the temperature levels (☀ ☾) to adjust, for the automatic functioning [TEMP]

⑭ Summer mode switch-on ❄

⑮ Key for memorising the executed settings [MEM]

⑯ Indication of current day in the week [1][2][3][4][5][6][7]

⑰ Indication of the program for automatic functioning (temperature levels and periods)

⑱ Indication of current time and adjustment temperature active at current time (alternate display) *20:30/18.0°*

⑲ Indication of the temperature level active (☀/☾/⊘) at current time

⑳ Access key to automatic functioning programming [PROG]

㉑ Shift keys [◄] [►]

㉒ Indication of the detected ambient temperature ⌷*20.5*

For more information refer to the DMP108 product manual available at www.controlli.eu

WIRING DIAGRAM

Ⓒ Connection clamps to relay for system actuator

- Terminals 1-3: closed contact upon system start-up request
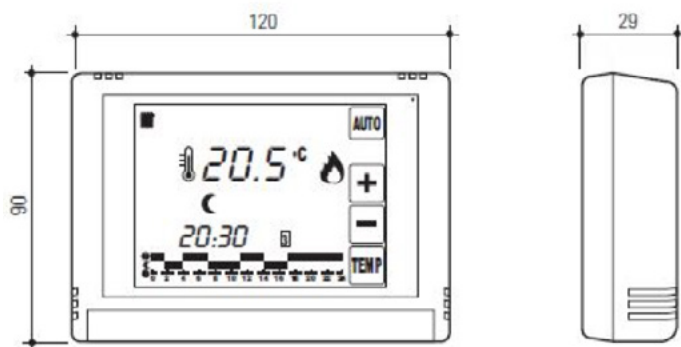- Terminals 1-2: open contact upon system start-up request

With the chronothermostat in off position, clamps 1-3 will have open contact.

In case of DGTouch drive of a zone valve:
- Terminals 1-3: opening valve
- Terminals 1-2: closing valve

DIMENSIONS [mm]

The performances stated in this sheet can be modified without any prior notice