

DIGITAL CONTROL UNIT FOR THERMOREGULATION WITH REMOTE MANAGEMENT DIN rail mounting

USE

Suitable for all types of heating systems in apartment buildings, industrial plants, schools, detached houses, etc.
L'apparecchio regola la temperatura dell'acqua di mandata dell'impianto di riscaldamento in funzione della temperatura ambiente desiderata (programmata) e della temperatura esterna, secondo la curva spezzata di regolazione impostata

MAIN SPECIFICATIONS:

BROKEN REGULATION CURVE. Regulation of the broken curve is set using 4 keys used to quickly modify the delivery temperature relative to 4 significant outside temperature values (20°C, 10°C, 0°C, -10°C)

ALPHANUMERIC DISPLAY AND CONFIGURATION KEYS. All controls and functions, including the broken regulation curve, can be selected from the menu and modified with two keys (+ and -). The values are visualized on the alphanumeric display composed of 2 lines with 16 characters.

Another two keys are used to move from one parameter to another and to scroll the various configuration menus.

OPTIMIZATION OF SWITCH-ON TIMES.

Optimization of switch-on times set using the same 4 keys used to modify the advance switch-on time used by the EV80 relative to the previous 4 outside temperature values.

REMOTE MANAGEMENT. An RS232 serial port is available for connecting a GSM modem or PSTN for fixed line to allow and the various parameters to be read or modified using a GSM cellphone and SMS messages. There are four alarm inputs which can be used to indicate, again via the GSM modem, any fault in the system.

AUXILIARY CONTROLLER. The same instrument is fitted with an auxiliary controller with ON-OFF control which can be used, for example, to regulate the domestic hot water temperature..

DATA LOGGER. This records the temperatures and events of the last 48 hours

CIRCULATION PUMP CONTROL with delayed switch-off.

DIN RAIL MOUNTING (9 modules)

DIGITAL CLOCK WITH 5 YEAR CHARGE

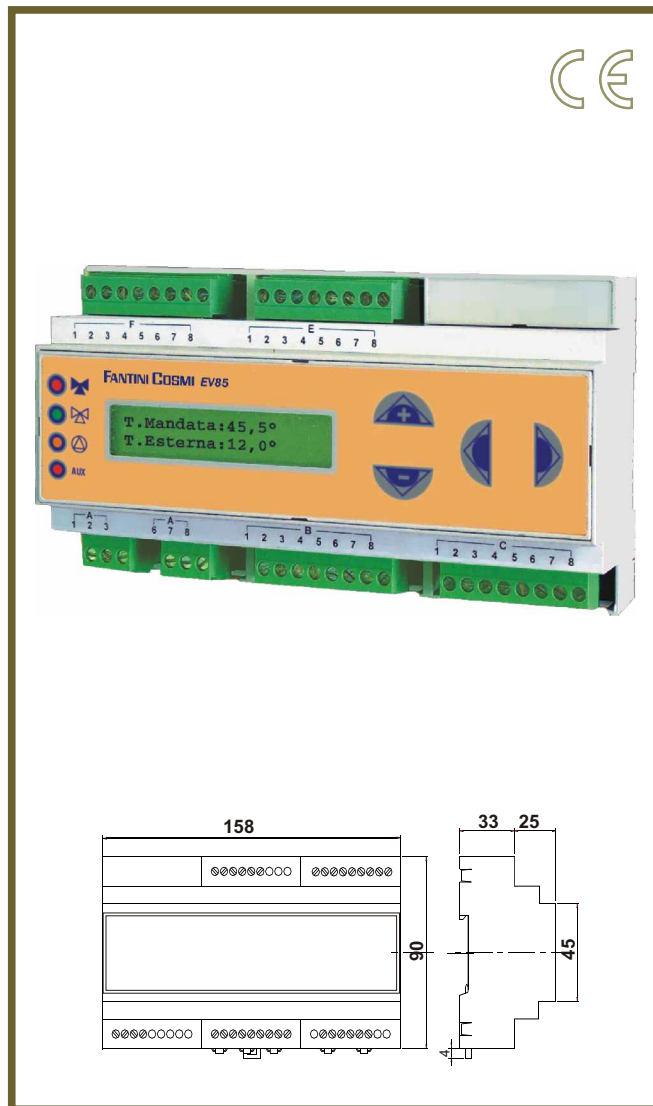
SWITCH to vary the ambient temperature value by +/- 3°C in relation to the memorized temperature, without having to modify the programme.

6-WAY SWITCH to select type of operation: - open valve - close valve - antifreeze - always economy - always comfort - automatic.

LED TO INDICATE control of the valve, the circulation pump and the auxiliary relay.

STANDARDS AND APPROVALS

Compliance with law 373, law no. 10 of 9 January 1991, Presidential Decree 412 of 26 August 1993 and standards CEI EN 60730-1.



ELECTRICAL SPECIFICATIONS

- Supply voltage 230V 50Hz. - Consumption 5VA
- Contact rating 5A-230Vac (ohmic charge)
- 4 opto-isolated alarm inputs to avoid disturbance
- 1 RS232 communication channel for connection to a modem or directly to a computer

TYPE	SPECIFICATIONS	Supply voltage and frequency	Admissible operating temperature °C	Protection	Unit weight Kg.	Packs of No
EV85	<ul style="list-style-type: none"> - Regulation curve broken into 4 temperatures - Weekly programming - 3 daily time bands - Digital clock with 5 year charge - REMOTE MANAGEMENT via modem 	230 V 50 Hz	0 to 50	IP 40		

ACCESSORIES FOR EV85

EM70.....GSM modem with power supply and antenna

EM70F.....PSTN analog modem with power supply

N70.....Power supply for GSM modem, battery charger and buffer battery

TEMPERATURE PROBES FOR EV85

EC81..... outside probe

EC82....contact delivery probe with strap for fixing to the pipe

EC83.....immersion delivery probe with protective sheath and G ½ tapered threaded connection

(see C0 sheet for specifications)