

TEMPERATURE CONTROLLER WITH TIMED PROGRAMMING OPTIONAL TELEMAGEMENT

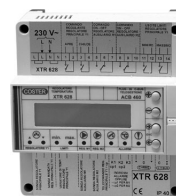
XTR 628

TELEMAGEMENT C-Bus: Enabled with ACB 460 accessory.

PREDISPOSTO

C ← BUS

C ← RING



APPLICATION

Suitable for temperature control:

- DHW & storage calorifier.
- Swimming pool water with or without flow limits.
- Flow underfloor panels and fan-coils.
- Greenhouse beds with flow limits.
- Room with or without flow limits for heating zones with radiators, panels, hot air generators.

Data communication with other controllers via C-Ring connection.

Essential sensors: 1, 2 or 3 temperature sensors.

Optional accessories: 1 flow temperature sensor, 1 set-point adjuster.

Features

- Power supply: 230V~; Consumption: 5VA; DIN 105 x 115 modular enclosure; Protection: IP 40.
- Digital programming by means of 4 keys and alphanumeric display.
- 1 primary temperature control with:
 - Control of temperature with one primary sensor or with one primary sensor and one flow sensor (minimum & maximum limits).
 - Modulating 3-wire control of valve or On-Off in 1 or 2 stages Proportional/Integral or differential.
- 2 On-Off temperature or timed controls with:
 - Control temperature with one sensor.
 - On-Off PI or differential control.
- Autonomous timed programming for the three controls with seven 24hour programs, two 7day programs and 2 5 annual periods with dates.
- Autonomous functions usable by the three types of control:
 - Priority and control anticondensing boiler.
 - Antibacteria.
- Automatic switching GMT – BST.
- 1 input for changing programs primary control.
- 2 inputs for changing programs On-Off control or On-Off alarm inputs.
- 1 On-Off alarm input.
- Alarms for plant faults and for open or short sensor circuit.

Code	Description	Data Sheet
XTR 628	Temperature controller with timed programming optional telemagement.	–

SENSORS AND ACCESSORIES

Code	Description	Application range	Sensing element	Data Sheet
ACB 460	Plug-in for C-Bus communication	–	–	T 433
SIH 010	Immersion temperature sensor (normal)	0 ... 99 °C	NTC 10 kΩ	N 140
SIR 010	Immersion temperature sensor (rapid)	0 ... 99 °C	NTC 10 kΩ	N 140
SAB 010	Room temperature sensor	0 ... 40 °C	NTC 10 kΩ	N 111
STA 010	Air duct temperature sensor	0 ... 99 °C	NTC 10 kΩ	N 150
CDB 100	Setpoint adjuster with incorporated sensor	–5 ... +5 °C	NTC 10 kΩ	N 710