

OTIMISING COMPENSATOR OPTIONAL TELEMAGEMENT

XTE 600

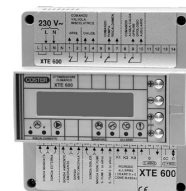
TELEMAGEMENT C-Bus: Enabled with ACB 468 accessory

WEB
GAGE

PREDISPOSTO

C ← BUS

C ← RING



APPLICATION

- Designed for compensated control of one centralized heating plant room and for On-Off control
- of a calorifier for DHW production,
- Exchange of data with other controllers by means of C-Ring serial connection.
- Essential sensors: 1 outside sensor, 1 heating flow sensor.

- Optional sensors: 1 room sensor, 1 DHW sensor, 1 flue gases sensor, one 4 ... 20 mA sensor,

- 1 remote control.

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.
- Entering dates of heating season and automatic switching BST - GMT.
- Seven 24hour programs, two 7day programs, 25 holiday periods and one special period with dates.
- Compensated control of heating plant room:
 - Modulating control of valve with 3-wire reversible actuator or On-Off burner in two stages.
 - Control heating pump according to times and demand for heat.
 - Optimisation switching on and off times.
 - Minimum and maximum limits flow temperature.
 - Manual correction heating curve origin (compensation intermediate seasons).
 - Automatic correction of heating curve in relation to room temperature (ambient authority).
 - Eco Off function: shutdown of plant when weather mild.
 - Control boiler anticondensing temperature (closure heating valve).
 - Summer plant exercise valve and pump.
 - Remote control for changing timed program in use (as alternative to input flue gases temperature and On-Off alarm).
- Control DHW production:
 - On-Off control DHW loading pump with timed programs independent of heating.
 - “Priority DHW” function (closure heating valve).
 - “Antibacteria” function: once a week 70° for 90 minutes.
- Three On-Off alarm inputs.
- One 4 ... 20 mA measurement input.
- One configurable input: remote control or temperature flue gases Pt 1 k? and On-Off alarm.
- Alarms for plant faults and for open or short sensor circuit.
- Metering degree-days.

Code	Description	Data Sheet
XTE 600	Otimising compensator optional telemangement.	B 241

SENSOR AND ACCESSORIES

Code	Description	Application range	Sensing element	Data Sheet
ACB 468	Plug-in en	–	–	T 433
SAE 001	Outside temperature sensor	–40 ... 40 °C	NTC 1 kΩ	N 120
SIH 010	Immersion temperature sensors	0 ... 99 °C	NTC 10 kΩ	N 140
SCH 010	Surface temperature sensor	0 ... 99 °C	NTC 10 kΩ	N 130
SAB 010	Room temperature sensor	0 ... 40 °C	NTC 10 kΩ	N 111
STF 001	Flue gases temperature sensor	0 ... 500 °C	Pt 1 kΩ	N 165
CDB 300	Remote control to modify program in use	–	–	N 710