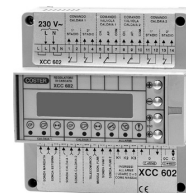


## COMPENSATING OPTIMISER FOR 1, 2-STAGE MODULATING BURNERS WITH 0.10 V DC INPUT

### XCC 618

TELEMANAGEMENT C-Bus: Enabled by ACB 400 accessory



#### APPLICATION

- Designed for the total control of burner/boiler (condensation or not).
- The 1, 2-stage or modulating burner can be controlled by switches or via the 0...10 V input.
- By equipping all the boilers present on site with XCC 618, and a single boiler with XTC 638, you can achieve a sophisticated sequence with 1, 2-stage or MODULATING BURNERS and so obtain the maximum SEASONAL OUTPUT. The whole system is especially suitable also for CONDENSATION BOILERS.
- Data communication with other boilers and other controllers via C-Ring connection..
- Essential sensors: 1 boiler sensor..
- Optional sensor: 1 anticondensing sensor, 1 flue gases sensor, 1 outside sensor.

#### Features

- Power supply: 230 V~; Consumption: 5 VA; Modular housing DIN 105 x 115; Protection: IP 40
- Digital programming by means of 4 keys and alphanumeric display.
- Control of boiler temperature at set point or according to the request of the various users via C-Ring (if the controllers are COSTER) or by a 0...10 V– signal.
- Control of a 1- or 2-stage or modulating burner.
- Option of sequence under control of XTC 638.
- Automatic change GMT/BST
- Periodic operation of summer site exercise of valves and pumpse.
- Metering of degree-days, of burner operating hours and of number of starts.
- Alarms for short or open circuits to sensors and for functional faults site and devices.
- C-Ring connection for local exchange of data with other COSTER controllers.
- Option of C-Bus connection for exchange data with local PC or remote Telemangement PC..
- XCC 618 is provided with a 0...10 V output adaptable to any generator fitted with this input.
- XCC 618 is also provided with a 0...10 V input for control AS POWER or AS TEMPERATURE.

| Code    | Description  | Data Sheet |
|---------|--|------------|
| XCC 618 | Compensating optimiser for 1, 2-stage modulating burners with 0.10 V DC input. | –          |

#### SENSORS AND ACCESSORIES

| Code    | Description                     | Application range | Sensing element | Data Sheet |
|---------|---------------------------------|-------------------|-----------------|------------|
| ACB 400 | Plug-in for C-Bus communication | –                 | –               | 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      |
| STF 001 | Flue gases temperature sensor   | 0 ... 500 °C      | Pt 1 kΩ         | N 165      |