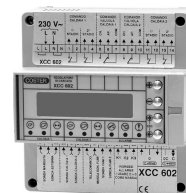


CONTROLLER FOR SEQUENCING TWO-SINGLE OR TWO-STAGE BOILERS WITH OR WITHOUT SHUT-OFF VALVES

XCC 602

TELEMANAGEMENT C-Bus : Enabled using ACB 400 accessory



APPLICATION

- Designed for sequencing two boilers with one- or two-stage burners and shut-off valves.
- Control of primary manifold temperature with temperature measurement by means of a sensor on manifold or two sensors on the boilers.
- Communication with other controllers via serial C-Ring protocol..
- Essential sensors: 1 temperature sensor on manifold or 2 boiler sensors
- Optional sensors: 1 outside sensor.

Features

- Power supply: 230V~; Consumption: 5VA; DIN 105 X 115 modular enclosure; Protection: IP 40.
- Digital programming by means of four keys and alphanumeric display.
- Setting dates of heating season and automatic switching GMT – BST.
- Seven 24hour periods and two 7day programs.
- 25 holiday programs and one special period with dates.
- Control of zone temperature:
 - Fixed point;
 - Variable in relation to outside temperature;
 - Variable in relation to temperature requested by consumer zones.
- Sequencing: manual switching from display or timed automatic.
- Automatic inversion of sequence in event of lockout of lead boiler.
- Enabling of lag boiler according to mean temperature of zone.
- Digital control of burners and of valves with adjustable delay closure.
- Theoretical metering of burner operating hours.
- Two inputs for measurement and alarms for flue gas temperature and for lockout burners.
- Three digital alarm inputs.
- Alarms for plant faults and for open or short sensor circuit.

Code	Description	Data Sheet
XCC 602	Controller for sequencing two-single or two-stage boilers with or without shut-off valves.	A 312

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
STF 001	Flue gases temperature sensor	0 ... 500 °C	Pt 1kΩ	N 165