

COMPENSATING CONTROLLER WITH SEASON SWITCHING OPTIONAL TELEMAGEMENT

XCS 633

Telemagement C-Bus: Enabled with ACB 468 accessory

PREDISPOSTO

C ← BUS

C ← RING



APPLICATION

- For compensated or fixed point winter & summer control of flow temperature in a fan-coil or underfloor panels installation.
- Exchange data with other Coster controllers by means of C-Ring serial connection.
- Essential sensors: 1 outside sensor, 1 flow sensor.

- Optional accessories: 1 room temperature or temperature & humidity sensor, 1 remote control.

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.
- Seven 24hour programs, two 7day programs, 25 holiday periods & one special period with dates.
- Manual or automatic season switching with dates or by external switch (as alternative to two digital alarm inputs).
- Automatic switching BST - GMT.
- Compensated or fixed point control summer and winter flow temperature:
 - Modulating control of valve by 3-wire reversible actuator or On-Off control in two stages.
 - Control of heating pump in relation to times and demand for heat.
 - Minimum & maximum limits for flow temperature.
 - Manual correction of heating curve point of origin (compensation intermediate seasons).
 - Automatic correction of heating curve in relation to room temperature (Ambient Authority).
 - Control of ambient dew-point for summer cooling plants with underfloor panels.
 - Control boiler anticondensing temperature (closure heating valve).
 - Remote control for adjusting program in use.
- Relay output for centralized season switching.
- Two On-Off alarm inputs (as alternative to external switch for season switching).
- Alarms for plant faults and for open or short sensor circuit.

Code	Description	Data Sheet
XCS 633	Compensating controller with season switching optional telemagement.	B 232

SENSORS AND ACCESSORIES

Code	Description	Application range	Sensing element	Data Sheet
ACB 468	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
SAB 010	Room temperature sensor	0 ... 40 °C	NTC 10 kΩ	N 111
SAU 914	Relative humidity & temperature sensor	10 ... 90%	0 ... 10 V–	N 227
CDB 333	Remote control for adjusting program in use	–	–	N 710