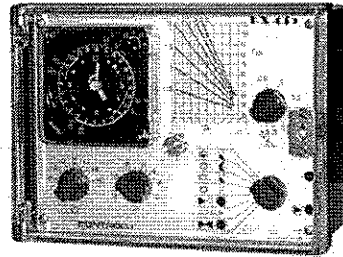


104309

GENERAL DESCRIPTION

USE

KX436 controllers are used for compensated control in domestic and commercial heating. They control the system temperature by adjusting it constantly depending on the external climatic conditions through a mixing motorized valve.



MANUFACTURING CHARACTERISTICS

KX436 are integrated-circuit electronic controllers with proportional integral (P.I.) control type.

They use SB series temperature sensors.

The system is equipped with operating front panel control and system set-up:

- Heat slope Δ 0,5 ÷ 3,5
- Time programmer with spring reserve
- Reduction: 0 ÷ 10 °C room temperature
- Temperature correction: 0 ÷ 6 °C room temperature
- Programme selection
- Neutral zone: 3 °C.

Model	Programme	Stroke time	Selector	Supply	Consumption VA	Electrical device	
						output	pump circuit
KX436G	daily	Slow (300 s)	7 programmes	230 Vac 50÷60 Hz	6	two-relay (*) with SPST 5(2) A 230 Vac	one SPST 5(2) A 230 Vac (*)
KX436GV		Fast (150 s)					
KX436S	weekly	Slow (300 s)					
KX436SV		Fast (150 s)					

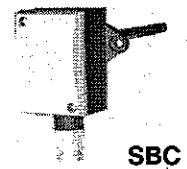
(*) Microdisconnection type IIE according to IEC 730-1 (93) / 6.4.3.2.

Input signal: SB series sensors
 Case: shock proof plastic, with transparent cover equipped with locks
 Room temp. limits: 2 T45 °C (working) -25 T65 °C (storage)
 Product complies to EMC 89/336 directive according to the below-mentioned standards:
 -for emission EN50081-1 -for immunity EN50082-1

Protection: IP40 (DIN 40050) For environments with normal pollution according to IEC 730-1 (93) / 6.5.3.
 Conduit: Ø 15
 Weight: 2 kg
 Terminal board: screw-type for 1,5 to 2,5 mm² wires.

SENSORS TECHNICAL CHARACTERISTICS - Balco Sensing element 1000 Ohm 21,1 °C

Model	Description
SBC	immersion-type - Grey Noryl case with Ø10 conduit opening - Nickel-plated brass cover, 1/2" gas connection, Length 115 mm., Max. room temperature: 50°, Max. fluid temperature 120° C, Max. fluid pressure 40 bar, Protection IP44 (DIN40050)
SBE	outdoor type - Grey Noryl case with Ø10 conduit opening - Overall dimensions 70 X 83 X 54, Temperature limits -20 ÷ 60 °C Protection IP44 (DIN40050)
SBF	See SBC, but strap-on type



ACCESSORIES

F1: wall-mounting bracket.



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