

Data Sheet RTKSA-013.210

Article number: KA001200

Universal capillary double thermostat, TW 0...120 °C, TB 20...150 °C, hysteresis TW = 3 K TB = -10...-15 K

This series of devices has been specially developed for use in heating technology in boiler systems or storage tanks, district heating transfer stations and heat transfer systems, in ventilation technology as supply air monitoring or as limiters for electric heating registers. Thermowells/protective coils are not included in the scope of delivery. The JZ-30 accessory must be used in conjunction with thermowells or protective coils. The control range / hysteresis is 0...120 °C / 3 K for the temperature monitor and 20...150 °C / -10...-15 K for the temperature limiter.



Number of outputs	4
Number of control ranges	2
Output signal	switching
External reset	Yes
Operation	internal setpoint adjuster, reset button
Diameter sensor element	6 mm
Electric connection	Push-in clamp
Electronic control	No
With explosion protection	No

Colour	anthracite
Sensor element	capillary tube
Function type (systems engineering)	TW/TB
Device version	surface-mounted unit
Internal setting	Yes
Contact interlocking	Yes
Bearing temperature	-30 ... 90 °C
Capillary length	2 m
Max. air humidity (non-condensing)	95 % r.H.
Sensor material	Cu
Max. Sensor temperature	138 °C
Max. switching voltage	230 VAC, 50/60 Hz / 230 VDC
Max. switching current	16 (2,5) A, 0,25 A, 6,3 (2,5) A, 0,25 A, 2 (0,4) A, 0,25 A
Min. switching voltage	24 VAC, 50 Hz / 24 VDC
Min. switching current	at 24 V (AC/DC) min. 100 mA
Mounting/attachment	in imm. sleeve, prot. coil, on tube, etc
Control range	0 ... 120 °C
Heating control function	Yes
Cooling control function	Yes
Switching difference, can be adjusted	No
Switching element	microswitch
Switching contact	2 two-way contacts

Potential free switching contact	Yes
Protection class	IP54
Protection class	I
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Dimensions (W x H x D)	106 mm x 146,8 mm x 62,9 mm

