

Datasheet RTKSA-010.200

Articlenumber: KA001000

Universal capillary double thermostat, TR 0...120°C, STB 70...130°C, hysteresis TR=3K STB=-10...-15K

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 controller and 70...130 °C / -10...-15 K for the safety temperature limiter.



Bearing temperature	-30 ... 80 °C
Capillary length	2 m
Colour	Anthracite
Contact interlocking	Yes
Control range	0 ... 120 °C
Cooling control function	Yes
Device version	Surface-mounted unit
Diameter sensor element	6 mm
Dimensions (W x H x D)	106 mm x 146,8 mm x 66,7 mm
Electric connection	Push-in clamp
Electronic control	No
External reset	Yes
External setting	Yes
Function type (systems engineering)	TR/STB
Heating control function	Yes
Internal setting	Yes

Max. air humidity (non-condensing)	95 % r.H.
Max. Sensor temperature	138 °C
Max. switching current	16 (2,5) A, 0,25 A, 2 (0,4) A, 0,25 A
Max. switching voltage	230 VAC, 50/60 Hz / 230 VDC
Min. switching current	At 24 V (AC/DC) min. 100 mA
Min. switching voltage	24 VAC, 50 Hz / 24 VDC
Montage/Befestigung	In imm. sleeve, prot. coil, on tube, etc
Number of control ranges	2
Number of outputs	4
Operation	Rotary knob, reset button
Output signal	Switching
Potential free switching contact	Yes
Protection class	I
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius
Sensor element	Capillary tube
Sensor material	Cu
Switching contact	2 two-way contacts
Switching difference, can be adjusted	No
Switching element	Microswitch
With explosion protection	No

