

Datasheet RTKSA-204.000

Articlenumber: KA020400

Frost protection thermostat, 1.8m, IP40, hysteresis 1.5K, STW, indoor setting, outdoor reset

The RTKSA frost protection controllers have been specially developed for frost protection on the air or water side of hot water heating registers and heat exchangers in ventilation, heating or air conditioning systems. In the event of a sensor break, contact 1-2 is permanently opened and contact 1-4 is permanently closed. Note: Mounting clips, thermowells and protective coils are not included in the scope of delivery and must be ordered separately. Air-side application: The SWK-2-xxx protective coils can be used for temperature measurement of non-aggressive gases in the duct. Water-side application: THK-2-xxx thermowells can be used for temperature measurement in non-aggressive fluids and NTHK-2-xxx thermowells can be used in aggressive fluids.



Bearing temperature	-30 ... 80 °C
Capillary length	1.8 m
Colour	Anthracite
Contact interlocking	Yes
Control range	-10 ... 15 °C
Cooling control function	Yes
Device version	Surface-mounted unit
Diameter sensor element	9.5 mm
Dimensions (W x H x D)	57,6 mm x 146,8 mm x 53 mm
Electric connection	Push-in clamp
Electronic control	No
External setting	No
Function type (systems engineering)	STW
Heating control function	Yes
Internal setting	Yes

Length of sensor	98 mm
Max. air humidity (non-condensing)	95 % r.H.
Max. Sensor temperature	120 °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	Wall mounting
Number of control ranges	1
Number of outputs	2
Operation	Internal setpoint adjuster
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	Two-way contact
Switching difference, can be adjusted	No
Switching differential	Heating/cooling: 1,5 K
Switching element	Microswitch
With explosion protection	No

