

# Data Sheet RTKSA-100.010

Article number: KA010000

System room thermostat, -10...40 °C, hysteresis 1.3 K, TR, outdoor setting

The RTKSA plant room thermostats have been specially developed for use in industrial buildings, exhibition halls, air domes and greenhouses. When used as frost protection controllers, the higher tolerances at the end of the scale must be observed.



Number of outputs	2
Number of control ranges	1
Output signal	switching
External setting	Yes
Operation	rotary knob
Electric connection	Push-in clamp
Electronic control	No
With explosion protection	No
Colour	anthracite
Sensor element	capillary tube
Function type (systems engineering)	TR

Device version	surface-mounted unit
Internal setting	No
Bearing temperature	-30 ... 80 °C
Max. air humidity (non-condensing)	95 % r.H.
Sensor material	V2A
Max. Sensor temperature	46 °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
Medium	Air
Min. switching voltage	24 VAC, 50 Hz / 24 VDC
Min. switching current	at 24 V (AC/DC) min. 100 mA
Mounting/attachment	wall mounting
Control range	-10 ... 40 °C
Heating control function	Yes
Cooling control function	Yes
Switching differential	Heating/cooling: 1,3 K
Switching difference, can be adjusted	No
Switching element	microswitch
Switching contact	two-way contact
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)

85 mm x 118,9 mm x 66,7 mm

