

Datasheet RTKSA-100.010

Articlenumber: KA010000

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



Bearing temperature	-30 ... 80 °C
Colour	Anthracite
Control range	-10 ... 40 °C
Cooling control function	Yes
Device version	Surface-mounted unit
Dimensions (W x H x D)	85 mm x 118,9 mm x 66,7 mm
Electric connection	Push-in clamp
Electronic control	No
External setting	Yes
Function type (systems engineering)	TR
Heating control function	Yes
Internal setting	No
Max. air humidity (non-condensing)	95 % r.H.
Max. Sensor temperature	46 °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
Medium	Air
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	Rotary knob
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	V2A
Switching contact	Two-way contact
Switching difference, can be adjusted	No
Switching differential	Heating/cooling: 1,3 K
Switching element	Microswitch
With explosion protection	No

