

## Datasheet RTKSA-004.310

Articlenumber: KA000400

Universal capillary thermostat, 20...150...°C, hysteresis -10K, STW, internal setting



|                                     |  |
|-------------------------------------|--|
| Ambient temperature, upper value    | 80 °C                                  |
| Bearing temperature, lower value    | -30 °C                                 |
| Bearing temperature, upper value    | 80 °C                                  |
| Capillary length                    | 2 m                                    |
| Colour                              | Anthr. grey (RAL7016), frontp. transp. |
| Contact interlocking                | No                                     |
| Control range, lower value          | 20 °C                                  |
| Control range, upper value          | 150 °C                                 |
| Cooling control function            | Yes                                    |
| Depth                               | 57,5 mm                                |
| Device version                      | Surface-mounted unit                   |
| Diameter sensor element             | 6 mm                                   |
| Electric connection                 | Push-in terminal                       |
| Electronic control                  | No                                     |
| External reset                      | No                                     |
| External setting                    | No                                     |
| Function type (systems engineering) | STW                                    |
| Heating control function            | Yes                                    |
| Height                              | 146,8 mm                               |
| Internal setting                    | Yes                                    |

|                                       |  |
|---------------------------------------|--|
| Length of sensor                      | 55 mm                                    |
| Max. sensor temperature               | 177 °C                                   |
| Maximum air humidity (non-condensing) | 95 % r.H                                 |
| Maximum switching current             | O: 16 (2,5) A; S: 6,3 (2,5) A, 0,25 ADC  |
| Maximum switching voltage             | 230 V AC 50 / 60 Hz, 230 V DC            |
| Minimum switching current             | At 24 V (AC/DC) min. 100 mA              |
| Minimum switching voltage             | 24 V AC / 50 Hz, 24 V DC                 |
| Mounting / attachment                 | In imm. sleeve, prot. coil, on tube, etc |
| Number of control ranges              | 1  |
| Number of outputs                     | 2  |
| Operating voltage                     | None                                     |
| 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                  | Manual reset after -10 K                 |
| Switching difference, can be adjusted | No                                       |
| Switching element                     | Microswitch                              |
| Type of protection                    | IP54                                     |
| Width                                 | 53 mm                                    |
| With explosion protection             | No                                       |

