

Climate control accessories

Control/regulation



Enclosure internal thermostat

Especially suitable for controlling fan-and-filter units, heaters and heat exchangers, this thermostat can also be used as a signal generator for monitoring the enclosure internal temperature.

Technical specifications:

- Bi-metal controller as a temperature-sensitive element with thermal feedback.
- Contact population: Single-pole change-over contact as a quick-break contact.
- Permissible contact load:
 - Cat. 5 – 3 (heating)
AC 10 (4)¹⁾ A,
DC = max. 30 W
 - Cat. 5 – 4 (cooling)
AC 5 (4)¹⁾ A,
DC = max. 30 W
- ¹⁾ = inductive load at $\cos \varphi = 0.6$
- Setting range: +5°C to +60°C

Rated operating voltage	Model No. SK
230/115/60/48/24 V (AC)	3110.000
60/48/24 V (DC)	

- Weight: approx. 105 g
- Dimensions: 71 x 71 x 33.5 mm
- Switching difference approx. 1 K \pm 0.8 K.
- Flexible mounting on a vertical or horizontal 35 mm support rail to EN 50 022, and snap fastening in the TS/SE enclosure section or on the mounting plate using the supplied adaptor.

Accessories:

Mounting plate TS with integral top-hat rail, see page 658.

Hygrostat

The hygrostat switches on the heater and/or fan when a preset relative humidity in the enclosure is exceeded.

In this way, the relative humidity is raised above the dew point, and condensation on assemblies or electronic components is avoided.

Technical specifications:

- Contact population: Single-pole change-over contact as a quick-break contact.
- Permissible contact load:
 - AC ~ 5 (0.2)¹⁾ A
DC = max. 20 W
- ¹⁾ = inductive load at $\cos \varphi = 0.6$
- Setting range: 50 – 100% relative humidity
- Weight: approx. 100 g
- Dimensions: 71 x 71 x 33.5 mm
- Switching hysteresis

Rated operating voltage	Model No. SK
24 – 230 V (AC), 24 – 75 V (DC)	3118.000

- Flexible mounting on a vertical or horizontal 35 mm support rail to EN 50 022, and snap fastening in the TS/SE enclosure section or on the mounting plate using the supplied adaptor.

Accessories:

Mounting plate TS with integral top-hat rail, see page 658.