



### 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 sensor 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)<sup>(1)</sup> A,  
DC = 30 W  
cat 5 – 4 (cooling)  
AC 5 (4)<sup>(1)</sup> A,  
DC = 30 W  
(<sup>(1)</sup>) = inductive load at  $\cos \varphi = 0.6$
- Setting range: +5°C to +60°C
- Weight: Approx. 105 g
- Dimensions: 71 x 71 x 33.5 mm
- Switching difference: Approx. 1 K ± 0.8 K.

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



- A broad voltage spectrum i. e. just one model covers 24 to 230 V.
- Time-saving connection technique using a terminal strip with a screw connection from the outside.
- Flexible mounting on a vertical or horizontal 35 mm support rail to EN 50 022, and snap fastening in the TS/ES enclosure section using the supplied adaptor.



### 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)<sup>(1)</sup> A  
DC = max. 20 W  
(<sup>(1)</sup>) = 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 difference: Approx. 4 %

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

- A broad voltage spectrum i. e. just one model covers 24 to 230 V.
- Time-saving connection technique using a terminal strip with a screw connection from the outside.
- Flexible mounting on a vertical or horizontal 35 mm support rail to EN 50 022, and snap fastening in the TS/ES enclosure section using the supplied adaptor.

B  
4.6

Accessories for System Climate Control



### Bottom-mounted adaptor

for enclosure internal thermostat SK 3110.000 and hygrostat SK 3118.000

Bottom-mounted adaptor with mounting option for screwed cable glands, for targeted cable infeed from appropriate equipment such as SK fan-and-filter units and enclosure heaters. In conjunction with screwed cable glands, it is also suitable for use as strain relief.

Packs of	Model No. SK
1	3110.200