

Climate control accessories

Control/regulation



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 reduced 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 $\cos \phi = 0.6$
- Setting range: 50 – 100 % relative humidity
- Weight: approx. 100 g
- Dimensions: 71 x 71 x 33.5 mm
- Switching hysteresis: approx. 4%

Rated operating voltage V, ~	Model No.
24 – 230, 1~ 12 – 75 (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.

Colour:

- RAL 7035

Accessories:

- Mounting plate TS with integral top-hat rail, see page 617
- Bottom-mounted adaptor, see page 380



Bottom-mounted adaptor

for enclosure internal thermostat 3110.000 and hygrostat 3118.000

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

Colour:

- RAL 7035

Packs of	Model No.
1 pc(s).	3110.200



Speed control EC

Control unit

Temperature-dependent speed control for EC fan-and-filter units to reduce noise and save energy. The status of the fan can also be monitored.

- Activation and monitoring of up to 4 EC fan-and-filter units (caution: EC fan-and-filter units cannot be controlled with speed control 3120.200!)
- Rated operating voltage: 100 – 250 V
- Top-hat rail assembly
- Temperature setting range: +5°C...+55°C/
41°F...131°F
- External temperature sensor to record the ACTUAL temperature
- Status LED to display the operating status
- Alarm relay for reporting overtemperature, fan defect, cable interruption and sensor failure

For EC fan-and-filter units	Model No.
3240.500/3241.500/3243.500/ 3244.500/3245.XXX	3235.440

Supply includes:

- NTC sensor, length 1.80 m