

Climate control accessories

Control/regulation

Speed control EC

Sensor for speed control

NTC sensor for temperature-dependent speed control of EC fan-and-filter units to reduce noise and save energy. Activated via an EC fan-and-filter unit.

Technical specifications:

- Rated voltage: 10 – 12 V (DC)
(supplied via EC fan-and-filter unit)
- Intake current: 1 mA
- Output current: 0.1 mA
- Operating temperature range: -25°C...+80°C
- Cable length: 3 m
- Control characteristic: fixed setpoint at 35°C, with linear control range between +35°C (maximum speed 100%) and +20°C (minimum speed 10%)

For EC fan-and-filter units	Model No.
3240.500/3241.500/3243.500/ 3244.500/3245.XXX	3235.450

Protection category IP to IEC 60 529:

- IP 40

Supply includes:

- Sensor and cable (length 3 m)



Speed control

Temperature-dependent speed control for fan-and-filter units, air/air heat exchangers, rack-mounted fans and tangential fans to reduce noise and save energy in part-load operation.

Technical specifications:

- For mounting on a 35 mm support rail
DIN EN 50 022
- Dimensions (W x H x D): 105 x 90.5 x 60.2 mm
- Rated operating voltage: 100 – 230 V (AC)
- Setting range: +20°C...+55°C
- Phase cross-over with microcontroller
- Maximum fan output 300 W or 2 A

Packs of	Model No.
1 pc(s).	3120.200

Supply includes:

- Speed control
- NTC sensor, length 1.80 m

Note:

- Only suitable for use with single-phase AC motors and equipment
- Not suitable for EC motors



Accessories:

- Mounting plate TS with integral top-hat rail, see page 617



Interface board

for equipment with e-Comfort controller

The interface board is an extension for equipment with e-Comfort controller. In this way it is possible, e.g. to monitor a master/slave combination of up to 10 cooling units. Control is achieved via standardised interfaces: RS232 (DB9) or RS485, one PLC interface (DB9). The extension board is built into a 1 U plastic housing.

A voltage supply of 24 V (DC) is required. This can be provided externally using a Kycon connector.

Packs of	Model No.
1 pc(s).	3124.200

Supply includes:

- Interface board integrated into a plastic box
W x H x D (mm): 136 x 44 (1 U) x 129
- Serial SUB-D cable, 1.5 m

Technical details:

Available on the Internet

