

NEW WE CONTROL BOLTS



MINIB

... more than just heat

EB BLOCK — CONTROL UNIT FOR CONVECTORS WITH DC MOTORS

Microprocessor-controlled EB block EBI-2e, single-circuit convectors

NEW

Microprocessor-controlled EB block EBI-2r, two-circuit convectors

- enables connection of two thermistor temperature sensors and two thermoelectric heads

EB BLOCK - BENEFITS

- A unique control unit,
- Microprocessor-controlled,
- possibility of choosing from multiple preprogrammed operating modes,
- possible firmware upgrade,
- motors speed sensing – individual control of motors,
- extremely low electricity consumption – small losses,
- optical indication of functioning,
- simple commissioning,
- low requirements for electroinstallation.

NEW

N-coder, thermostat with potentiometer function:

- Operated by a single element,
- thermostat with speed control function,
- 12 V DC power supply,
- independent control of 2 branches of convectors,
- comfortable and intuitive control – 3 positions,
- color indicator light shows set values,
- suitable mainly for EB-A control units.

The wheel being in **standard position**, the N-coder is in thermostat mode, required temperature can be set by turning the wheel clockwise or counterclockwise.

The wheel being in **pressed position**, required fan speed can be set by turning the wheel clockwise or counterclockwise.

The wheel being in **pulled position**, required ratio of 2 leading signals for 2 different branches of fan convectors can be set by turning the wheel clockwise or counterclockwise.

CONTROL

Controls **EB-A, EB-B, and EB-C** are available for convectors with **DC motors**.

EB-A control:

Programmable thermostat with potentiometer for continuous fan speed control. Only potentiometer can be used.

EB-B control:

Fan speed is adjusted automatically depending on the thermostat switching cycle, convectors' output is thus optimized by evaluating the deviation from the required room temperature.

EB-C control:

In automatic mode, the fan speed is controlled similarly as for EB-B control; the highest possible speed is limited by switch position on thermostat.

- EB-A: MINIB potentiometer + **NEW** programmable thermostat
- EB-B: Programmable thermostats CH110 and CH150 without speed control
- EB-C: Programmable thermostat TH0482 with three-level speed control

Control E2 is available for convectors with AC motors.

E2 control:

Utilization of programmable thermostat or potentiometer for three-level fan speed control.

- E2: MINIB potentiometer or thermostat TH0482 with three-level speed control

TRANSFORMERS

Transformers for convectors with DC motors

- Voltage: 230VAC/12VAC
- Output: 100VA, 240VA, 300VA
- IP protection: IP40 concealed, IP66 wall mounted

Transformers for convectors with AC motors

- Voltage 230VAC/7, 9, 12VAC
- Output: 240VA, 300VA
- Equipped with E2 electronics
- IP protection: IP40 concealed, IP66 wall mounted



Transformer Protection 40



Transformer Protection 66



N-coder



Thermostat CH110



Thermostat CH150



Potentiometer

ABB thermostat



Thermostat TH-0482



Electro-thermal head



EB Block EBI-2e



EB Block EBI-2r



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