

DIN Rail Thermostat



ETV

- On/off control up to 3,600 W, 16 A.
- Built-in setback mode for automatic comfort and setback temperature via remote timer.
- For DIN-rail mounting.
- 5 °C fixed setback temperature.
- 0.4 °C fixed differential.

Thermostat for DIN-rail with Setback Mode

Recommended for control of underfloor heating* and electrical heating.

- On/off control up to 3,600 W, 16 A.
- Built-in setback mode for automatic comfort and setback temperature via remote timer
- Electronic thermostat for accurate temperature regulation ensuring a high comfort of the floor surface or the room temperature.
- Versions with floor sensor or remote room sensor.
- For DIN-rail mounting.
- 5 °C fixed setback temperature.
- 0.4 °C fixed differential.

Thermostat control

Type ETV are an electronic on/off thermostat with control of temperature by means of an NTC sensor. Red LED indicates when heating is on.

Temperature setback

Type ETV are with setback mode, which is activated with a day/week timer, e.g. MM-7595. The timer is programmed with the required comfort and setback periods.

Setback mode is fixed 5 °C.

Differential

Type ETV is fixed 0.4 °C.

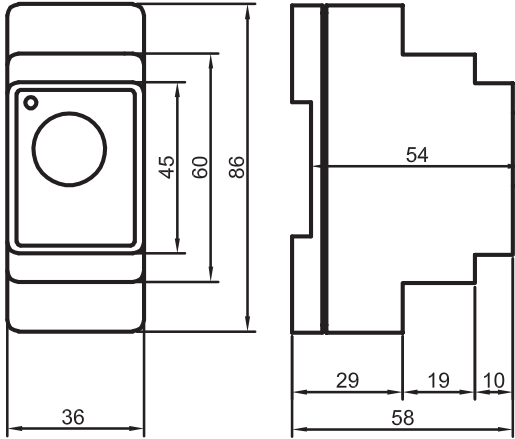
Floor sensor

A floor sensor is used with comfort floor heating. The sensor can be inserted into a conduit to facilitate replacement. The conduit should be installed between the heating cables and terminated near the floor surface.

Remote room sensor

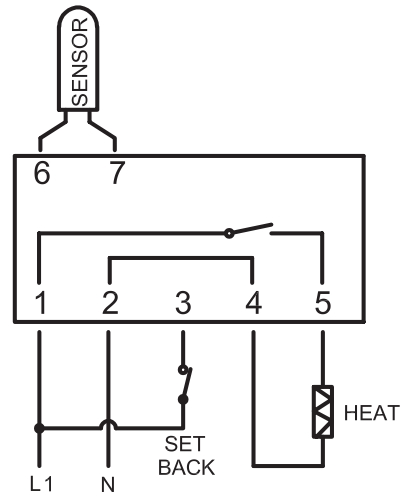
A room sensor is used with room heating. The sensor should be fitted to the wall approx. 1.6 m above the floor. If necessary, the floor or room sensor cable can be extended up to 100 m with standard installation cable.

*Specific requirements of the European Ecodesign Directive (EF2009/125/EF) regarding local space heaters must be observed.



Dimensions ETV (mm)

BR880A01



Connection ETV

BR880A02

PRODUCT PROGRAMME

| ETV with Setback Mode | |
|-----------------------|--|
| ETV-1990 | Thermostat (sensor is ordered separately) |
| ETV-1991 | • incl. floor sensor 3 m |
| ETV-1999 | • incl. remote room sensor |
| ETV-1991-P | Thermostat incl. floor sensor 3 m with potential-free contacts, 16 A |
| Accessories | |
| ETF-144/99A | Floor sensor 3 m |
| ETF-944/99-H | Remote room sensor |

TECHNICAL DATA

| | |
|---|--|
| Supply voltage | 230 V \pm 10% 50/60 Hz |
| Output relay | 16 A, 3,600 W |
| Temperature range | 0/+40 °C |
| Setback temperature | Fixed 5 °C ETV-P without setbacktemperature |
| Power consumption | 3 VA |
| Ambient temperature | 0/+50 °C |
| Housing | IP20 |
| On/off differential | 0.4 °C |
| Sensor type | NTC |
| Dimensions (H/W/D) | 86/36/58 mm |
| Heating is switched off in case of sensor failure | |