

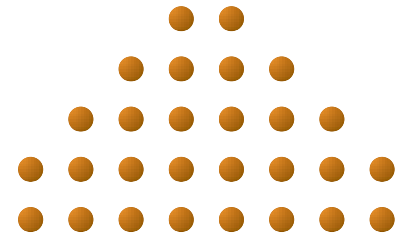
ETV/ETN



ETN with interrupter



ETV



THERMOSTATS FOR COMFORT HEATING

Thermostats for DIN-rail with Setback Mode

Recommended for control of under-floor heating and electrical heating.

- On/off control up to 3,600 W, 16A.
- 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.

ETN

- With built-in interrupter for convenient switching off at airing the room or at summer times.
- +3/+10°C adjustable setback temperature.
- 0.3/6°C adjustable differential.

ETV

- 5°C fixed setback temperature.
- 0.4°C fixed differential.

PRODUCT PROGRAM

ETV WITH SETBACK MODE

| | |
|----------|---|
| ETV-1990 | Thermostat (sensor is ordered separately) |
| ETV-1991 | • incl. floor sensor 3 m |
| ETV-1999 | • incl. remote room sensor |

ETN WITH SETBACK MODE AND INTERRUPTER

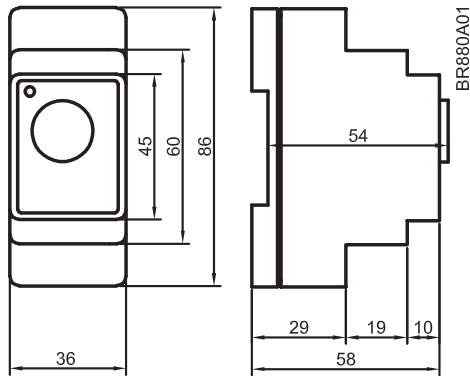
| | |
|---------------|---|
| ETN-2P-1441 | Thermostat (sensor is ordered separately) |
| ETN/F-2P-1441 | • incl. floor sensor 3 m |
| ETN/F-2P-1449 | • incl. remote room sensor |

ETN / ETV, SPECIAL VERSIONS

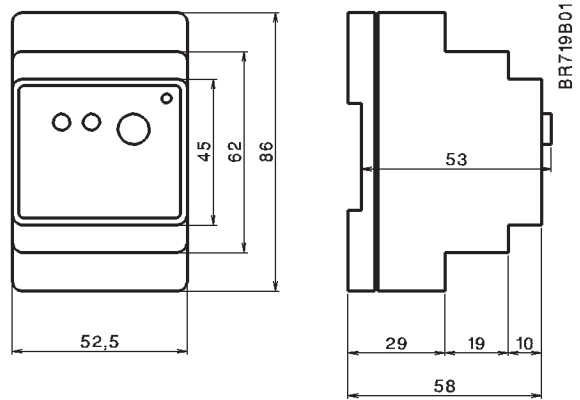
| | |
|------------|---|
| ETV-1991-P | Thermostat incl. floor sensor 3 m with potential-free contacts, 16A |
| ETN-1442 | Thermostat with adjustable setback (+6/+20°C). Delivered without interrupter. Sensor is ordered separately. |
| ETN-1441-P | Thermostat with potential-free contact, 10A. Delivered without interrupter. Sensor is ordered separately. |

ACCESSORIES

| | |
|--------------|--|
| ETGK | Cover box for ETV for wall mounting |
| ETNK | Cover box for ETN for wall mounting |
| ETF-144/99A | Floor sensor 3 m |
| ETF-944/99-H | Remote room sensor |
| MM-7595 | Electronic day/week timer for DIN-rail |



Dimensions ETV (mm)



Dimensions ETN (mm)

Thermostat Control

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

Temperature Setback

Type ETN and 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 of type ETV is fixed 5°C.

Setback mode of type ETN can be adjusted +3/+10°C.

Built-in 2-pole Interrupter

Type ETN is with built-in 2-pole interrupter.

Differential

Type ETV is fixed 0.4°C.

Type ETN is adjustable 0.3/6°C.

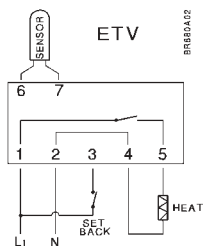
TECHNICAL DATA

Type ETV

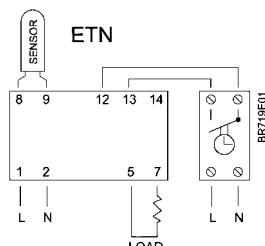
| | | |
|---|--|---------------------|
| SUPPLY VOLTAGE | OUTPUT RELAY | |
| 230V ±10% 50/60 Hz | 16A, 3,600W | |
| TEMPERATURE RANGE | SETBACK TEMPERATURE | POWER CONSUMPTION |
| 0/+40°C | Fixed 5°C ETV-P without setback temperature | 3VA |
| AMBIENT TEMPERATURE | HOUSING | ON/OFF DIFFERENTIAL |
| 0/+50°C | IP20 | 0.4°C |
| SENSOR TYPE | DIMENSIONS (H/W/D) | |
| NTC | 86/36/58 mm | |
| HEATING IS SWITCHED OFF IN CASE OF SENSOR FAILURE | | |

Type ETN

| | | |
|---|---|--|
| SUPPLY VOLTAGE | OUTPUT RELAY SPST | BUILT-IN INTERRUPTER |
| 230V ±10% 50/60Hz | 16A, 3,600W ETN-1441-P: 10A, 2,300W | 2-pole ETN-1442: without ETN-1441-P: without |
| TEMPERATURE RANGE | SETBACK TEMPERATURE | POWER CONSUMPTION |
| 0/+35°C | +3/+10°C ETN-1442: +6/+20°C | 3VA |
| AMBIENT TEMPERATURE | HOUSING | ON/OFF DIFFERENTIAL |
| -20/+50°C | IP20 | +0.3/+6°C |
| SENSOR TYPE | DIMENSIONS (H/W/D) | |
| NTC | 86/52.5/58 mm | |
| HEATING IS SWITCHED OFF IN CASE OF SENSOR FAILURE | | |



Connection ETV



Connection ETN