OJ Thermostat range . Type MTU
Thermostat for wall mounting

OJ Thermostats

Thermostat for surface wall mounting type MTU
- Recommended for control of underfloor heating and electrical heating.
- Electronic on/off control up to 2300W, 10A.
- Built-in setback mode for automatic comfort and setback temperature via timer.
- Surface wall mounting.

PRODUCT PROGRAMME

Type	Product
230V	
MTU-1991HN	Thermostat with setback mode 5℃ incl. floor sensor 3 m Remote room sensor can be mounted
MTU-1999HN	Thermostat with setback mode 5℃ with internal room sensor
120V	
MTU-2991HN	Thermostat with setback mode 5℃ incl. floor sensor 3 m Remote room sensor can be mounted
MTU-2999HN	Thermostat with setback mode 5℃ with internal room sensor
Accessories	
ETF-944/99H	Remote room sensor
MTC-AH	Protective cover

MTU is with UL/cUL-approval

THERMOSTAT FUNCTIONS
Thermostat control:
Type MTU is an electronic on/off thermostat with control of temperature by means of NTC sensor. The heat output is switched on and off with a difference of only 0.4℃. Red LED indicates when heating is on.

Temperature setback:
Type MTU with setback mode 5℃ which is activated with a day/week timer, e.g. MM-7595. The timer is programmed with the required comfort and setback periods.
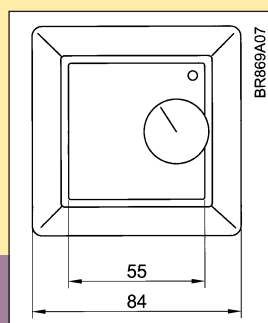
TECHNICAL DATA

Supply voltage. . . . . 230V ±10%, 50/60 Hz
120V ±10%, 50/60 Hz
- on special order . . . . 24V AC ±10%
Power consumption 6VA
Max. load 230V, 10A, 2300W
120V, 10A, 1200W
Output relay - make contact. . . . . SPST
ON/OFF difference . . . . 0.4°C
Ambient operating temperature . . . . 0/+50°C
Scale range . . . . +5/+40°C
Temperature setback . . . . fixed 5°C
Error circuit fuse at . . . . –20°C
Housing IP20
Dimensions (HxWxD). . . . . 84x84x28 mm
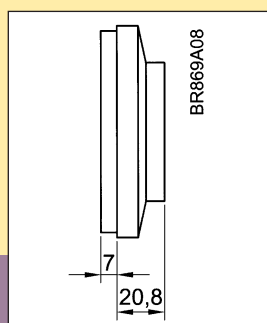
Temperature setback:
Type MTU with setback mode can be connected to day/week timer, which is programmed with the required comfort and setback periods.

Adjustment of the thermostat:
Temperature range +5/+40°C for easy setting of required temperature.

MOUNTING
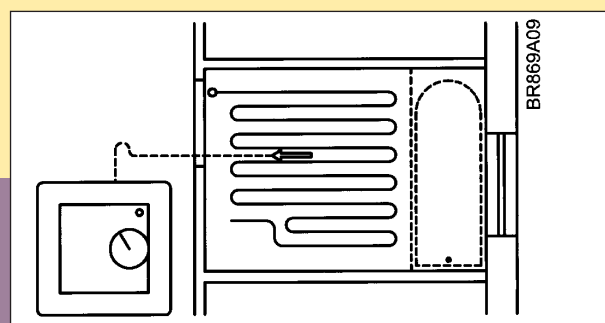### Type of temperature sensor:
Type MTU is delivered incl. floor sensor or with internal room sensor. Remote room sensor can be mounted only on MTU-1991HN, MTU-2991HN.
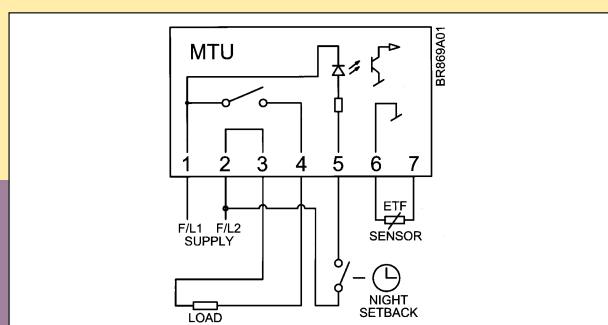
Mounting of floor sensor:
Floor sensor is used for comfort heating of floor. The sensor is mounted in conduit of consideration of replacement. The sensor is mounted between heating cables and ended towards the floor surface. If required, the floor sensor can be extended up to 100 m with a standard installation cable.
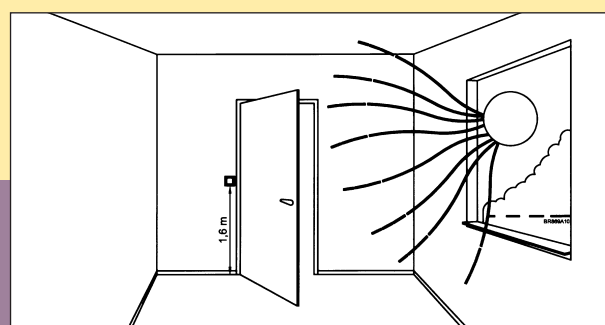
Mounting of room sensor:
Room sensor is used for room heating. Thermostat with internal sensor is mounted approx. 1.6 m above the floor. Draught, direct sunlight or any other direct heating outlet must be avoided. If it is not possible to mount the thermostat in the correct position, remote room sensor type ETF-944/99H is recommended. Type of thermostat incl. floor sensor is used, but a room sensor is mounted instead of floor sensor.

Dimensions

Dimensions

Mounting of floor sensor

Connection MTU

Mounting of thermostat with internal or remote room sensor

OJ thermostat programme includes:
- Thermostats for flush mounting
- Thermostats for wall mounting
- Thermostats for DIN rail mounting
- Thermostats for snow melting and frost protection
- Triac thermostat and controllers from 1-44 kW

Please, require catalogue

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