

BFW-TEMTHE



Thermostat with built-in sensor

Temperature range: 10°C to +35°C (50° to +95°F)

Uses 3 channels

Heat on LED

Supplied by smart-house

Night set back: 4°C

GENERAL SPECIFICATIONS

| | |
|------------------------|---|
| Channel coding | By BGP-COD-BAT and special cable: GAP-TPH-CAB |
| No. of channels | 3 |
| Enclosure | LKNES FUGA Mechanics |
| Environment | |
| Degree of protection | IP 20 |
| Pollution degree | 3 (IEC 60664) |
| Operating temperature | 0 - 50 °C (32 - 122°F) |
| Storage temperature | -20 - 70°C (-4 - 158°F) |

| | |
|----------------------------------|-----------------------------------|
| Humidity (non condensing) | 20 - 80% |
| Weight | 50 g |
| Dimensions | 50 x 50 x 33 mm (including frame) |
| Max. wire in terminals | Max. 4 x 0.75 mm ² |

SENSOR SPECIFICATIONS

| | |
|-----------------------------|---------------------------|
| Sensor | KTY 1000 (built-in) |
| Temperature measuring range | 10 to +35°C (50 to +95°F) |
| Temperature probe | KTY 81 (built-in) |
| Accuracy | ± 1°C at 22.5°C |
| Hysteresis | ± 0.25°C |

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|----------------|--|
| Night set back | 4°C |
| Time constant | Typ. 450 s (air flow = 0 m/s) Typ. 350 s (air flow = 1 m/s) |

SUPPLY SPECIFICATIONS

| | |
|---------------------|-------------------------|
| Power supply | Supplied by smart-house |
| Consumption | |
| LED off | < 1.3 mA |
| LED on | < 2.3 mA |

TYPE SELECTION

| | |
|---------------------|----------------------|
| Supply | smart-house supplied |
| Ordering no. | BFW-TEMTHE |
| Frame not included | |

MODE OF OPERATION

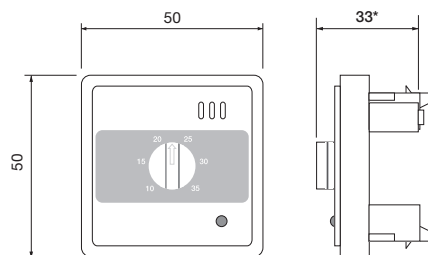
If the temperature gets below the setting on the front plate scale, the thermostat starts transmitting on I/O 1. When the temperature gets above the setting, the transmission stops.

If the night set back channel on I/O 5 is activated, the thermostat automatically lowers the temperature 4°C. The LED is placed on I/O 6 and indicates "Heat ON"

ACCESSORIES

| | |
|----------------------------------|-------------|
| Programming cable to BGP-COD-BAT | GAP-TPH-CAB |
| Frame Baseline | |
| White | 40417 |
| Grey | 40414 |
| Charcoal Grey | 40430-1 |

DIMENSIONS (mm)



* + mounting clips