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# Combination thermostat

Combination thermostat, 16A, floor sensor, insert

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**Type:** TC16-20U

**Product ID:** 2TKA00004033

**GTIN:** 6438199005959



Thermostat with low insert (20 mm mounting depth) meeting the Ecodesign requirements. The thermostat is pre-programmed. Rated voltage 230 V AC  $\pm$  10% 50 Hz

Output 1 no and connectors 1.5 mm<sup>2</sup> to 4 mm<sup>2</sup>

Switching current 250 V AC / 16 (2) A, protection class II and protection class IP21.

Operating temperature 0 ° C to 35 ° C and storage temperature -20 ° C to 70 ° C

Clock Accuracy (at 20 ° C)  $\pm$  0.5 sec / min

Power consumption (standby) <0.05 W

Floor sensor NTC 10k $\Omega$  @ 25 ° C and external control (EXT connector) 230V AC / 10 $\mu$ A (same phase).

## Technical specification

### Packing

|          |      |
|----------|------|
| Package: | 1/10 |
| Unit:    | PCS  |

### ETIM Data

|                         |          |
|-------------------------|----------|
| ETIM Version:           | ETIM-9.0 |
| ETIM Class:             | EC011309 |
| Regulation type on/off: | No       |

# Product Card

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|   |                            |
|---|----------------------------|
| Regulation type modulating:                             | Yes                        |
| Type of power supply:                                   | Other                      |
| Connection:   | 3-/4-wire                  |
| With receiver:  | No                         |
| Measuring range:  | 5...35 °C                  |
| External sensor:  | Yes                        |
| With thermal feedback:                                  | Yes                        |
| Suitable for heating:                                   | Yes                        |
| Number of heater outputs:                               | 1                          |
| Suitable for cooling:                                   | No                         |
| Selector switch for heating and heating with hot water: | No                         |
| Sensor/feeler type:                                     | Resistance sensor          |
| Temperature readable:                                   | Yes                        |
| Relative humidity (RH) readable:                        | No                         |
| With display:   | Yes                        |
| Type of clock:  | Week clock                 |
| Clock model:  | Digital                    |
| Overtime switch:  | No                         |
| Optimisation:   | Yes                        |
| With tap water circuit:                                 | No                         |
| Operation:  | Button                     |
| Weather-dependent control system:                       | No                         |
| Number of switching programmes:                         | 7                          |
| Contact type:   | Normally open contact (NO) |
| Degree of protection (IP):                              | IP21                       |
| Explosion-proof:  | No                         |
| Width:  | 85 mm                      |
| Depth:  | 85 mm                      |
| Height:   | 38 mm                      |
| Class of the temperature control:                       | I                          |
| Standby power consumption (solstandby):                 | 0.05 W                     |
| Compatible with Apple HomeKit:                          | No                         |
| Compatible with Google Assistant:                       | No                         |
| Compatible with Amazon Alexa:                           | No                         |

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IFTTT support available:

No