



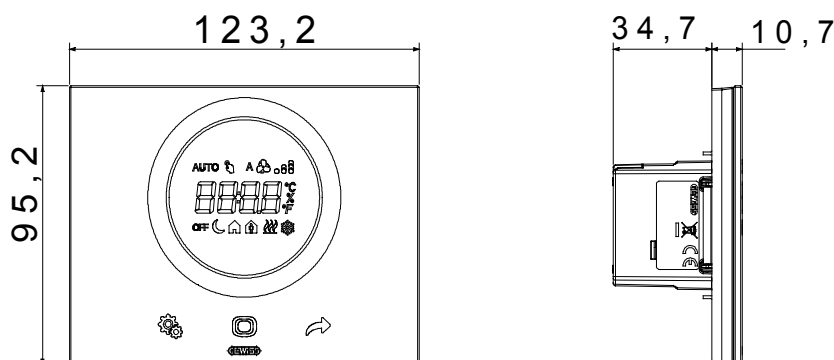
Flush-mounting thermostat for controlling heating/cooling systems via BUS, and manual or 3-level temperature management (comfort, pre-comfort, economy). Control algorithms for two- or four-way systems: two points (ON/OFF or 0%/100%), proportional-integral (PWM or continuous 0%-100%), fan coil (max. 3 speeds with ON/OFF or 0%/100% control). Allows control of humidification and dehumidification systems if connected to an external humidity sensor (e.g. GW1x762H). Has 1 input for potential-free contact (for window contact function, for managing fronts, dimmers, shutters or scenarios); 1 input for NTC external temperature sensor (e.g. protection for underfloor heating) or, alternatively, as a second input for potential-free contact. Equipped with user interface with touch-type (capacitive) controls on glass plate and rear-projection display. The thermostat has integrated proximity and temperature sensors. Configuration is via ETS software.

The thermostat can be combined with flush-mounted KNX timed thermostats or KNX control panels for zoned temperature control: in this case, the thermostat acts as a slave, implementing the temperature profile sent from the master.

Equipped with a coupling terminal for connection to BUS. The thermostat include a front plate, and is designed for screw fastening to either rectangular 3-gang boxes (83.5 mm centre distance) or round/square boxes (60 mm centre distance) equipped with installation columns. Plate materials: glass.

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| Catégorie | Thermo ICE KNX thermostat | Communication | KNX |
| Couleur | Beige naturel | Material | Front plate in glass |
| Installation | Flush mounting on 3-modules rectangular (GW24403, GW24403PM), round (GW24234, GW24234PM) or square (GW24231) boxes | Alimentation | 12-24 V ca/cc |
| Current absorbed by power supply | Max 4,5 W (12-24Vac); max 3,6 W (12-24Vdc) | Interfaces | KNX TP1 |
| Current absorbed by KNX bus (mA) | 10 | Grandeurs mesurées | Temperature, one additional input for external NTC temperature sensor |
| N. canaux en entrée | 2 (in case a NTC sensor is used must be a 10K type, e.g. GW 10 800) | Tension des entrées | Potential free |
| Bornes de câblage | À vis | Capacité de serrage des bornes câbles souples (mm ²) | Max 2,5 mm ² |
| Capacité de serrage des bornes câbles rigides (mm ²) | Max 2,5 mm ² | Température de fonctionn. | -5 ÷ +45 °C |
| Humidité relative (non condensant) | Maximum 93 % | Température de stockage | -25 ÷ +70 °C |
| Connection to the KNX bus | KNX bus terminal | Dimensions LxHxP (mm) | 123,2x95,2x10,7 |
| Indice de protection | IP20 | Norme | Low Voltage Directive 2014/35/EU Electromagnetic Compatibility Directive 2014/30/EU, EN 50491, EN 60669-2-5 |

DIMENSIONS



SYMBOLE TECHNIQUE

IP

IP20

NORMES ET HOMOLOGATIONS

