



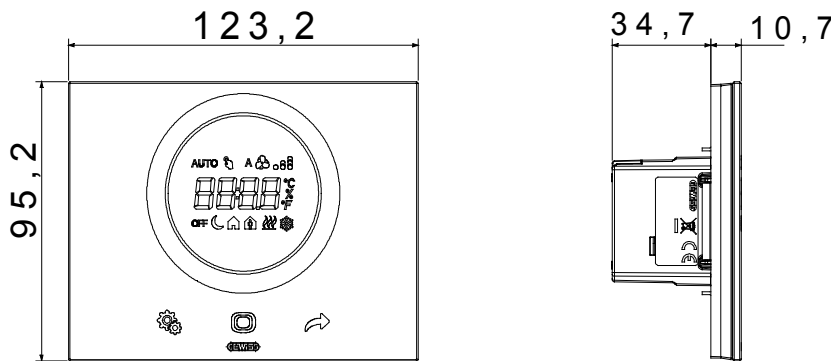
Flush-mounting thermostat for controlling heating/cooling systems via BUS, and manual or 3-level temperature management (comfort, pre-comfort, economy). Control algorithms for two- or four-way systems: two points (ON/OFF or 0%/100%), proportional-integral (PWM or continuous 0%-100%), fan coil (max. 3 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.

|  |  |   |   |
|--|--|---|---|
| Kategori   | Thermo ICE KNX thermostat  | iletiřim  | KNX   |
| Renk   | Beyaz  | Material  | Front plate in glass  |
| Montaj   | Flush mounting on 3-modules rectangular (GW24403, GW24403PM), round (GW24234, GW24234PM) or square (GW24231) boxes | Besleme ünitesi                                     | 12-24V ac/dc  |
| Current absorbed by power supply                   | Max 4,5 W (12-24Vac); max 3,6 W (12-24Vdc)   | Arayüzler   | KNX TP1   |
| Current absorbed by KNX bus (mA)                   | 10   | Ölçülmüş boyutlar                                   | Temperature, one additional input for external NTC temperature sensor   |
| Giriř kanalı sayısı                                | 2 (in case a NTC sensor is used mustb a 10K type, e.g. GW 10 800)  | Giriř voltajı                                       | Potential free  |
| Kablolama terminalleri                             | Vidalı   | Terminal sıkıřtırma kapasitesi esnek kablolar (mm²) | Maks 2,5 mm²  |
| Terminal sıkıřtırma kapasitesi sert kablolar (mm²) | Maks 2,5 mm²   | Kullanım sıcaklıęı                                  | -5 ÷ +45 °C   |
| Baęılı nem (yoęuşmasız)                            | Maks %93   | Depolama sıcaklıęı                                  | -25 ÷ +70 °C  |
| Connection to the KNX bus                          | KNX bus terminal   | Boyutlar LxHxD (mm)                                 | 123,2x95,2x10,7   |
| IP derecesi  | IP20   | Standart  | Low Voltage Directive 2014/35/EU<br>Electromagnetic Compatibility Directive 2014/30/EU,<br>EN 50491, EN 60669-2-5 |

## DIMENSIONAL



## TECHNICAL SYMBOLOGY

IP

IP20

## STANDARDS/APPROVALS

