



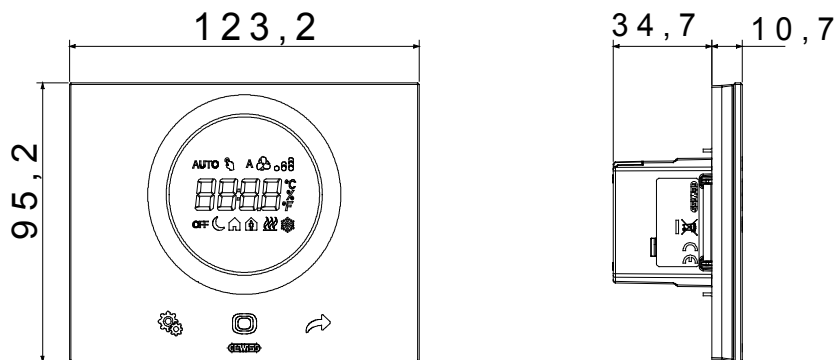
Flush-mounting thermostat for controlling heating/cooling systems via BUS, and manual or 3-level temperature management (comfort, pre-comfort, economy). Control algorithms for two- or four-way systems: two points (ON/OFF or 0%/100%), proportional-integral (PWM or continuous 0%-100%), fan coil (max. 3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

קטגוריה	Thermo ICE KNX thermostat	תקשורת	KNX
צבע	טיטניום	Material	Front plate in glass
התקנה	Flush mounting on 3-modules rectangular (GW24403, GW24403PM), round (GW24234, GW24234PM) or square (GW24231) boxes	ספק כוח	12-24V AC/DC
Current absorbed by power supply	Max 4,5 W (12-24Vac); max 3,6 W (12-24Vdc)	ממשקים	KNX TP1
Current absorbed by KNX bus (mA)	10	מדוד מידות	Temperature, one additional input for external NTC temperature sensor
מס' כניסה ערוצים	2 (in case a NTC sensor is used must be a 10K type, e.g. GW 10 800)	כניסה מתח	Potential free
מהדקי חיווט	עם בורג	יכולת הידוק מהדקים (ממ"ר) כבלים תקועים	ממ"ר 2.5 מקס
יכולת הידוק מהדקים (ממ"ר) כבלים קשיחים	ממ"ר 2.5 מקס	פועל טמפרטורה	-5 ÷ +45 °C
ללא עיבוי/לחות יחסית	93% מקס	טמפרטורת אחסון	-25 ÷ +70 °C
Connection to the KNX bus	KNX bus terminal	x גובה מידות אורך (מ"מ) עומק	123,2x95,2x10,7
IP דרגה	IP20	סטנדרט	Low Voltage Directive 2014/35/EU Electromagnetic Compatibility Directive 2014/30/EU, EN 50491, EN 60669-2-5

DIMENSIONAL



TECHNICAL SYMBOLOGY

IP

IP20

STANDARDS/APPROVALS

