Wall-mounting thermostat to control heating/cooling and humidification/dehumidification systems and manage the temperature in manual mode or on 3 levels (comfort, pre-comfort, economy). Control algorithms for two-way systems: two points (ON/OFF), proportional integral (PWM). Includes 2 output contacts for heating, cooling or humidity control. Includes 1 input for external NTC temperature sensor (for room temperature measurement compensation or for underfloor heating protection). Equipped with a user interface with touch controls (capacitive) on technopolymer plate and backlit display. The thermostat has built-in proximity, temperature and humidity sensors and a Wi-Fi interface for setting parameters and programming temperature profiles (timed thermostat function) locally or remotely via specific apps (smartphone and tablet).
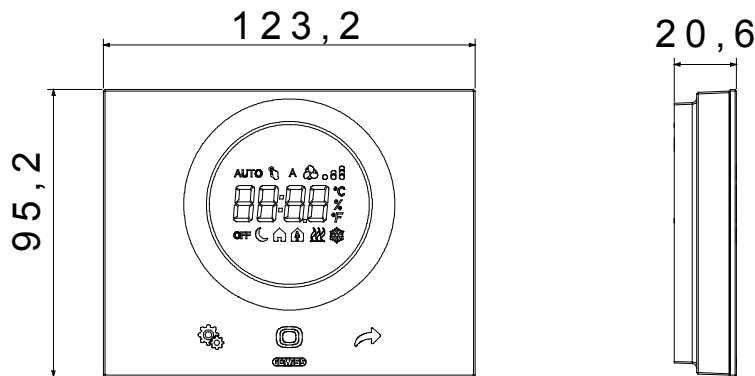The device can be used:
- as an independent intelligent thermostat (in a stand-alone way), i.e. without the need for a Smart Home system, in this case the configuration and control of the device takes place via the "ThermoICE 2.0" APP;
- integrated into the Gewiss "Connected Smart Home" system, in this case the device can interoperate with all the other devices of the "Connected Smart Home" system and is configured and controlled together with all the other functions of the system via the "Home Gateway" APP.
Wall-mounting installation with wall-plugs or on 3-modules rectangular boxes (centre distance 83.5 mm). Equipped with front plate. Plate material: technopolymer.

Categorie	Termostate Thermo Ice	Comunication	Wifi
Culoare	Bej natural	Material	Front plate in technoplymer
Instalare	Consolă de montare pe perete	Alimentare electrică	230V AC - 50/60Hz
Current absorbed by power supply	< 3 W (in stand-by < 1 W)	Interfețe	Wi-Fi 2.4GHz IEEE 802.11 b/g/n
Dimensiuni măsurate	Temperature, humidity, one additional input for external NTC temperature sensor	Nr. canale de ieșire	2 NO potential free
Contacte ieșire	Max switching current at 250Vac: 6A (cosΦ = 1); 1,5A (cosΦ = 0,6)	Nr. canale de intrare	1 for external NTC sensor (type: NTC 10K, es. GW 10 800)
Tensiune de intrare	-	Borne de cablare	Conținut
Capacitate de strângere borne cabluri torsadate (mm²)	Max 1,5 mm²	Capacitate de strângere a bornelor cabluri solide (mm²)	Max 1,5 mm²
Temperatura de lucru	-5 ÷ +45 °C	Umiditate relativă (necondensată)	Max. 93%
Temperatura de stocare	-25 ÷ +70 °C	Dimensiuni LxHxD (mm)	123,2x95,2x20,6
Grad IP	IP20	Standard	Directive RoHS 2011/65/EU + 2015/863
			Directive RED 2014/53/EU
			EN 60730-2-9; EN 60730-2-7; EN 60730-1; EN 301 489-1; EN 301 489-17;
			EN 300 328; EN IEC 63000

DIMENSIONAL

TECHNICAL SYMBOLOGY

IP

IP20

STANDARDS/APPROVALS

CE