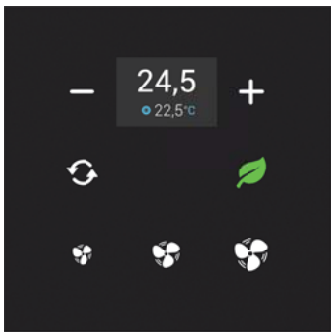
GRT3-50 | Glass room thermo-regulator





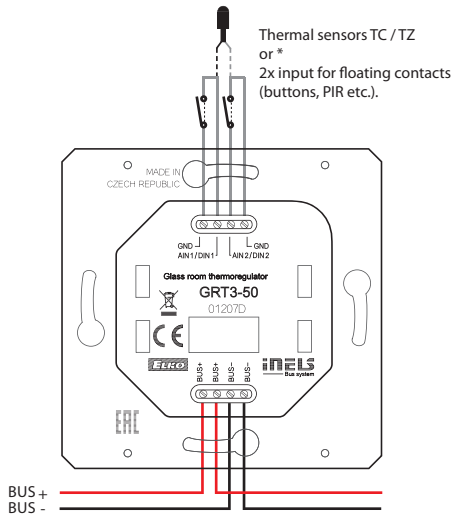
EAN code

GRT3-50/B: 8595188156301
GRT3-50/W: 8595188156349

Technical parameters	GRT3-50
Inputs	
Temperature measuring:	YES, built-in temperature sensor
Scope and accuracy of temp. measurement:	0.. +55°C; 0.3°C from the range
Humidity measurement:	YES
Humidity measurement range:	0 to 99% RH
Humidity measurement accurancy:	± 3 % Relative humidity
Inputs:	2x AIN/DIN
Resolution:	by setting 10-bit
External temperature sensor:	YES, the connection between AIN1/DIN1 and AIN2/DIN2
Type external sensor:	TC/TZ
Temperature measurement range:	-20°C to +120°C
Temperature measurement accuracy:	0.5°C from the range
Buttons	
Number of control buttons:	5
Type:	Capacitive
Indication:	Coloured illuminated symbol
Display	
Display:	colored TFT, 20 x 25.5 mm
Resolution:	240 x 240 pixels
Outputs	
Acustic output:	piezo-changer
Tactile output:	Vibration motor
Communication	
Installation BUS:	BUS
Power supply	
Supply voltage / tolerance:	27 V DC, -20 / +10 %
Rated current:	85 mA (at 27V DC), from BUS
Connection	
Terminals:	0.5 - 1 mm²
Operating conditions	
Relative humidity:	max. 80 %
Operating temperature:	-20 .. +55 °C
Storing temperature:	-30 .. +70 °C
Protection degree:	IP20
Overvoltage category:	II.
Pollution degree:	2
Operation position:	any
Installation:	on the wall, observing the conditions for correct installation of the thermostat
Dimensions and weight	
Dimensions:	94 x 94 x 36 mm
Weight:	156 g

- Glass room thermo-regulator GRT3-50 is part of a comprehensive range of glass iNELS control units for guest room management system (GRMS) and serves to regulate the temperature in the room.
- GRT3-50 thermo-regulator has a display for displaying the current room temperature and desired temperature. To adjust the required temperature, it is possible to use the touch buttons with symbols "-" and "+".
- GRT3-50 is also suitable for controlling fan coils and fan speed can be easily adjusted by using the touch buttons with symbols.
- Thermo-regulator GRT3-50 also has a further two touch buttons whose function can be adjusted by software, for example fan coil on/off, heating/cooling or comfort temperature for heating or cooling.
- Thermo-regulator is equipped with an integrated temperature sensor for ambient temperature measurement.
- The glass room thermo-regulator is a design component of the iNELS system and is available in elegant black (GRT3-50/B) and white (GRT3-50/W) version.
- Printing is possible to customize to the investor requirements.
- Individual symbols can be illuminated in one of seven colours - red, green, blue, yellow, pink, turquoise and white.
- GRT3-50 are designed for mounting into an installation box.

Connection



* The choice is made in iDM3 for each unit separately.