



EAN code
 GSB3-20/SB: 8595188156219
 GSB3-40/SB: 8595188156233
 GSB3-60/SB: 8595188156257

The picture of device is illustrative, the icons (symbols) are configurable by the customer.

Technical parameters GSB3-20/S GSB3-40/S GSB3-60/S

Inputs

Temperature measuring:	YES, built-in temperature sensor
Scope and accuracy of temp. measurement:	0 to +55 °C; 0.3 °C from the range
Inputs:	2x AIN/DIN
Resolution:	by setting 10-bit
External temperature sensor:	YES, the connection between AIN1/DIN1 and AIN2/DIN2
Type of external sensor:	TC/TZ
Temperature measurement range:	-20 °C to +120 °C
Temperature measurement accuracy:	0.5 °C from the range
Illuminance sensor:	1 to 100 000 Lx

Buttons

Number of control buttons:	2	4	6
Type:	capacitive		
Indication:	coloured illuminated symbol		

Outputs

Acoustic output:	piezo-changer
Tactile output:	vibration motor

Communication

Installation BUS:	BUS
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Power supply

Supply voltage/tolerance:	27 V DC, -20/+10 %		
Dissipated power:	max. 0.5 W		
Rated current:	25-35 mA	25-43 mA	25-50 mA
	(at 27 V DC), from BUS		

Connection

Terminals:	0.5 - 1 mm ²
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Operating conditions

Relative humidity:	max. 80 %
Operating temperature:	-20 to +55 °C
Storing temperature:	-30 to +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:	154 g

- Glass touch controllers with symbols GSB3-20/S, GSB3-40/S and GSB3-60/S are part of a comprehensive range of glass iNELS control units and can be advantageously used in all projects for example as a part of guest room management system (GRMS).
- GSB3-20/S is equipped with two, GSB3-40/S with four and GSB3-60/S six touch buttons whose functions can easily modify by the software.
- Engraving of symbols is possible upon a request.
- Individual symbols can be illuminated in one of seven colours - red, green, blue, yellow, pink, turquoise and white.
- Glass touch panel is a design component of the iNELS system and is available in elegant black (GSB3-20/SB, GSB3-40/SB, GSB3-60/SB) and white (GSB3-20/SW, GSB3-40/SW, GSB3-60/SW) versions.
- All versions are in the size of the module (94x94 mm) from the line of luxury switches and sockets LOGUS⁹⁰ and are therefore fully in line with the design of frames for the sockets of this series, where you can just as for the controllers choose white and black glass frames.
- The glass touch controllers is equipped with an integrated temperature sensor. It is also equipped with two analog-to-digital inputs (AIN/DIN), which can be used to connect two potential-free contacts or one external temperature sensor TC/TZ (for example temperature measurement of the floor).
- The glass touch controllers are also equipped with a sensor of ambient light intensity. Based on information from the sensor it can switch backlight of symbols or perform various actions in the iDM3 software, for example also switch the lighting circuits in the room.
- Advantages over conventional switches/buttons are saving space, signalling the state of any system output, the ability to measure temperature as well as the ability to connect external buttons or detectors.
- Each button can control any actuator (appliance) in the system. Also, you can assign each button a different function or macro (set of functions). It is therefore possible to use one button to control several appliances at once.
- GSB3-20/S, GSB3-40/S, and GSB3-60/S are designed for mounting into an installation box.



EAN code

GSB3-20/SW: 8595188156226
 GSB3-40/SW: 8595188156240
 GSB3-60/SW: 8595188156264

GSB3-20/PRO/SW: 8595188175098
 GSB3-40/PRO/SW: 8595188175074
 GSB3-60/PRO/SW: 8595188175050

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Connection

