





EAN code

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

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.. +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 external sensor:	TC/TZ		
Temperature measurement range:	-20°C to +120°C		
Temperature measurement accuracy:	0.5°C from the range		
Illuminance sensor:	1 ... 100 000 Lx		
Buttons			
Number of control buttons:	2	4	6
Type:	Capacitive		
Indication:	Coloured illuminated symbol		
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:	25-35 mA	25-43 mA	25-50 mA
	(at 27V DC), from BUS		
Connection			
Terminals:	0.5 - 1 mm^2		
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:	142 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.
- 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.
- 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 LOGUS^{90} 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

Connection



