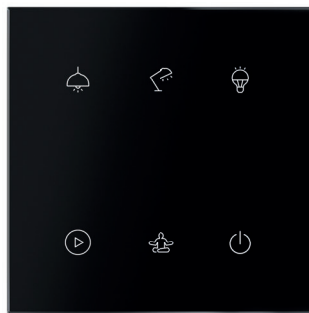**Glass controllers**

N

EAN code
GSB3-40/SB_V2: 8595188156233
GSB3-40/SBP_V2: 8595188188883 (proximity)
Order code
GSB3-40/SB_V2: 8875
GSB3-40/SBP_V2: 8888 (proximity)

EAN code
GSB3-60/SB_V2: 8595188156257
GSB3-60/SBP_V2: 8595188188869 (proximity)
Order code
GSB3-60/SB_V2: 8873
GSB3-60/SBP_V2: 8886 (proximity)

EAN code
GSB3-90/SB_V2: 8595188188258
GSB3-90/SBP_V2: 8595188188845 (proximity)
Order code
GSB3-90/SB_V2: 8825
GSB3-90/SBP_V2: 8884 (proximity)

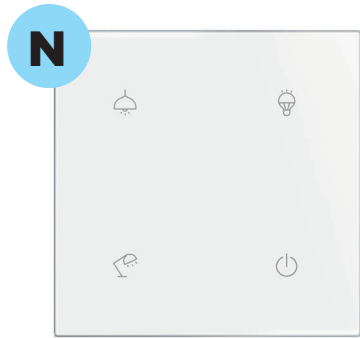| Technical parameters	GSB3-XX/S, GSB3-2XX/S		
Inputs			
Temperature measuring:	YES, built-in temperature sensor		
Scope and accuracy of temp. measurement:	0 to +55 °C; 0.3 °C from the range		
Humidity measurement:	YES		
Humidity measurement range:	0 to 99 % RH		
Inputs:	AIN/DIN		
Resolution:	by setting 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		
Proximity Sensor:	(SWP/SBP models) motion detection at a distance of 0.25 m		
Buttons			
Number of control buttons:	4	6	9
Type:	capacitive		
Indication:	coloured illuminated symbol		
Outputs			
Acustic output:	piezo-changer		
Communication			
Installation BUS:	BUS		
Power supply			
Supply voltage/tolerance:	27 V DC, -20/+10 %		
Dissipated power:	max. 0.5 W		
Rated current:	25-43 mA	25-50 mA	25-50 mA
	(at 27 V DC), from BUS		
Connection			
Terminals:	EIB ø 0.6 - 0.8 mm²		
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 sensor		
Dimensions and weight			
Dimensions:	94 x 94 x 41 mm	100 x 100 x 8 mm		
Weight:	154 g		
Standards:	EN 63044-1		

- Glass touch controllers with symbols GSB3-XX/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).
- The GSB3-40/S, GSB3-60/S, and GSB3-90/S models feature a square design, while the GSB3-240/S, GSB3-260/S, and GSB3-290/S models come in a round design.
- GSB3-40/S, GSB3-240/S is equipped with four, GSB3-60/S, GSB3-260/S six and GSB3-90/S, GSB3-290/S nine touch buttons whose functions can easily modify by the software.
- Symbols on the glass touch controllers can be engraved upon request, allowing for personalized and tailored solutions to meet specific project needs. Additionally, there is an option to engrave text for each button, further enhancing customization possibilities.
- The glass touch controllers is equipped with an integrated temperature sensor. It is also equipped with analog-to-digital input (AIN/DIN), which can be used to connect potential-free contact or external temperature sensor TC/TZ (for example temperature measurement of the floor).
- 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.
- Glass touch panel is a design component of the iNELS system and is available in elegant black (GSB3-XXX/SB) and white (GSB3-XXX/SW) versions.
- Individual symbols can be illuminated in one of seven colours - red, green, blue, yellow, pink, turquoise and white.
- All versions are in the size of the standard module (94x94 mm) and are designed for mounting into an installation box.
- In addition to all the features in symbol models. The glass touch controllers in the SBP/SWP version are equipped with a proximity sensor, which can light up the symbols by approaching the unit to approx. 0.25 m.
- SWP/SBP models 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.
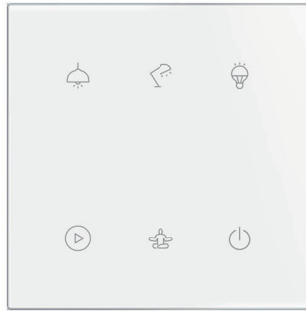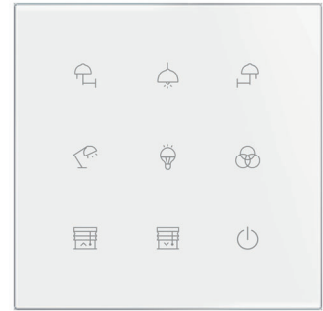
Another view

GSB3-260SW

EAN code
GSB3-40/SW_V2: 8595188156240
GSB3-40/SWP_V2: 8595188188890 (proximity)
Order code
GSB3-40/SW_V2: 8876
GSB3-40/SWP_V2: 8889 (proximity)

EAN code
GSB3-60/SW_V2: 8595188156264
GSB3-60/SWP_V2: 8595188188876 (proximity)
Order code
GSB3-60/SW_V2: 8874
GSB3-60/SWP_V2: 8887 (proximity)

EAN code
GSB3-90/SW_V2: 8595188188265
GSB3-90/SWP_V2: 8595188188852 (proximity)
Order Code:
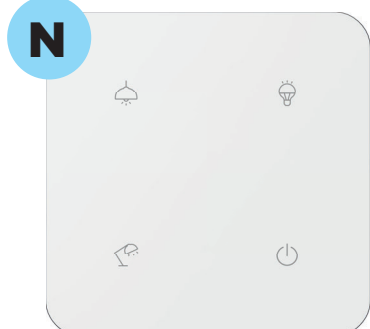GSB3-90/SW_V2: 8826
GSB3-90/SWP_V2: 8885

EAN code
GSB3-240/SB: 8595188189620
GSB3-240/SBP: 8595188189682 (proximity)
Order code
GSB3-240/SB: 8962
GSB3-240/SBP: 8968 (proximity)

EAN code
GSB3-260/SB: 8595188189644
GSB3-260/SBP: 8595188189705 (proximity)
Order code
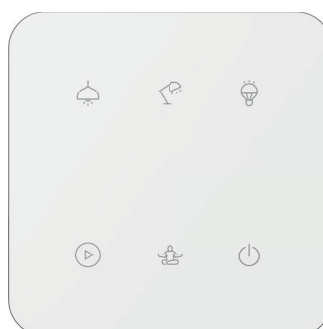GSB3-260/SB: 8964
GSB3-260/SBP: 8970 (proximity)

EAN code
GSB3-290/SB: 8595188189668
GSB3-290/SBP: 8595188189729 (proximity)
Order Code:
GSB3-290/SB: 8966
GSB3-290/SBP: 8972 (proximity)

EAN code
GSB3-240/SW: 8595188189637
GSB3-240/SWP: 8595188189699 (proximity)
Order code
GSB3-240/SW: 8963
GSB3-240/SWP: 8969 (proximity)

EAN code
GSB3-260/SW: 8595188189651
GSB3-260/SWP: 8595188189712 (proximity)
Order code
GSB3-260/SW: 8965
GSB3-260/SWP: 8971 (proximity)

EAN code
GSB3-290/SW: 8595188189675
GSB3-290/SWP: 8595188189736 (proximity)
Order Code:
GSB3-290/SW: 8967
GSB3-290/SWP: 8973 (proximity)

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

Connection

1x input for free potential contacts
(button, motion sensor, etc.)

+BUS
- BUS

temperature sensor TC/TZ

+BUS
- BUS