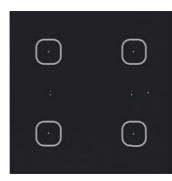
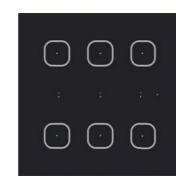
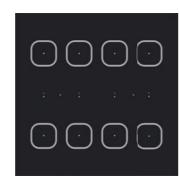
**GSB3-40, GSB3-60, GSB3-80** | Glass wall touch controllers







GSB3-40/B: 8595188132909 GSB3-60/B: 8595188132916 GSB3-80/B: 8595188132923

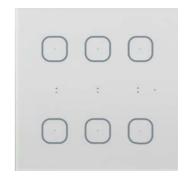
48

Temperature measuring: Scope and accuracy of temp. measuring: Scope and accuracy of temp. measuring:  Number of control buttons: Inputs:  2x AIN/DIN  Resolution:  Ext. temperature sensor:  Yes, the connection between AIN1/DIN1 and AIN2/DIN2  Type ext. sensor:  TC/TZ  Temperature measurement range:  -20°C to +120°C  Temperature measurement accuracy:  Outputs  Indications:  Pair of LEDs (red, green)  Number:  2 3 4 4  Communication  Installation BUS:  BUS  Power supply  Supply voltage / tolerance: Rated current:  Connection  Terminals:  Operating conditions  Relative humidity:  Operating temperature:  30 to +70 °C  Protection degree:  Operation position:  Pollution degree:  Question supply  Installation:  Installation:  Pair of LEDs (red, green)  Number:  2 3 4  Communication  BUS  Power supply  Supply voltage / tolerance:  27 V DC, -20 / +10 %  Storing temperature:  -30 to +70 °C  Protection degree:  Question position:  Pollution degree:  Question position:  any  Installation:  Dimensions and weight  Dimensions and weight  Dimensions:  94 x 94 x 36 mm  Weight:  155 g	Technical parameter	s GSB3-40	GSB3-60	GSB3-80	
Scope and accuracy of temp. measuring:  Number of control buttons:  1	Inputs				
temp. measuring:   Number of control buttons:   1	Temperature measuring:	YES, built-in thermo sensor			
Number of control buttons:    Inputs:	Scope and accuracy of				
Inputs: 2x AIN/DIN Resolution: according to the settings, 10 bits Ext. temperature sensor: Yes, the connection between AIN1/DIN1 and AIN2/DIN2 Type ext. sensor: TC/TZ Temperature measurement range: -20°C to +120°C Temperature measurement accuracy: 0.5°C from range  Outputs Indications: pair of LEDs (red, green) Number: 2 3 4 4  Communication Installation BUS: BUS  Power supply  Supply voltage / tolerance: 27 V DC, -20 / +10 % Rated current: 25 - 40 mA (at 27V DC), from BUS  Connection  Terminals: 0.5 - 1 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: into installation box  Dimensions and weight  Dimensions: 94 x 94 x 36 mm	temp. measuring:	0 to +55°C; 0.3°C from the range			
Resolution:  Ext. temperature sensor:  Xes, the connection between AIN1/DIN1 and AIN2/DIN2  Type ext. sensor:  TC/TZ  Temperature measurement range: Temperature measurement accuracy:  Outputs  Indications: Indications: Installation BUS: Power supply  Supply voltage / tolerance: Rated current:  Connection  Terminals:  Operating conditions  Relative humidity: Operating temperature: Foreign from the settings, 10 bits Yes, the connection to +120°C  Temperature measurement range:  -20°C to +120°C  Temperature measurement accuracy: O.5°C from range  Outputs  BUS  Power supply  Supply (red, green)  BUS  Power supply  Supply voltage / tolerance: Rated current: 27 V DC, -20 / +10 %  Supply voltage / tolerance: Direction  Terminals: O.5 - 1 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: into installation box  Dimensions and weight  Dimensions: 94 x 94 x 36 mm	Number of control buttons:	4	6	8	
Ext. temperature sensor:  Yes, the connection between  AIN1/DIN1 and AIN2/DIN2  Type ext. sensor:  TC/TZ  Temperature measurement range:  -20°C to +120°C  Temperature measurement accuracy:  Outputs  Indications:  Number:  2 3 4  Communication  Installation BUS:  BUS  Power supply  Supply voltage / tolerance:  Rated current:  25 - 40 mA (at 27V DC), from BUS  Connection  Terminals:  Operating conditions  Relative humidity:  Operating temperature:  -20 to +55 °C  Storing temperature:  -30 to +70 °C  Protection degree:  IP20  Overvoltage category:  Pollution degree:  2 Operation position:  Installation:  Installation	Inputs:	2x AIN/DIN			
Type ext. sensor: TC/TZ Temperature measurement range: Temperature measurement accuracy:  Outputs Indications: Number: 2 3 4  Communication Installation BUS: BUS  Power supply Supply voltage / tolerance: Rated current: 25 - 40 mA (at 27V DC), from BUS  Connection  Terminals: Operating conditions  Relative humidity: Operating temperature: Storing temperature: Protection degree: Overvoltage category: Pollution degree: Operation position: Installation: Installation BUS: BUS  A 4  Communication  BUS  BUS  Power supply  Supply voltage / tolerance: 27 V DC, -20 / +10 %  25 - 40 mA (at 27V DC), from BUS  Connection  Terminals: Operating conditions  Relative humidity: Operating temperature: -20 to +55 °C  Storing temperature: -30 to +70 °C  Protection degree: 0 peration position: any Installation: into installation box  Dimensions and weight  Dimensions: 94 x 94 x 36 mm	Resolution:	according to the settings, 10 bits			
Type ext. sensor:  Temperature measurement range: Temperature measurement accuracy:  Outputs  Indications: Number:  2 3 4  Communication  Installation BUS: BUS  Power supply  Supply voltage / tolerance: Rated current: 25 - 40 mA (at 27V DC), from BUS  Connection  Terminals: Operating conditions  Relative humidity: Operating temperature: Storing temperature: Protection degree: Overvoltage category: Pollution degree: Operation position: Installation: Installation BUS: BUS  BUS  Power supply  Supply voltage / tolerance: 27 V DC, -20 / +10 %  25 - 40 mA (at 27V DC), from BUS  Connection  Terminals: Operating conditions  Relative humidity: Operating temperature: -20 to +55 °C  Storing temperature: -30 to +70 °C  Protection degree: 0 Jepo  Overvoltage category: II.  Operation position: any Installation: into installation box  Dimensions and weight  Dimensions:  94 x 94 x 36 mm	Ext. temperature sensor:	'			
Temperature measurement range:  Temperature measurement accuracy:  Outputs  Indications:  Number:  2 3 4  Communication  Installation BUS:  BUS  Power supply  Supply voltage / tolerance:  Rated current:  25 - 40 mA (at 27V DC), from BUS  Connection  Terminals:  Operating conditions  Relative humidity:  Operating temperature:  Storing temperature:  Protection degree:  Overvoltage category:  Pollution degree:  Operation position:  Installation:  Installation BUS:  BUS  Power supply  Supply voltage / tolerance:  27 V DC, -20 / +10 %  A supply voltage / tolerance:  27 V DC, -20 / +10 %  BUS  Connection  Terminals:  O.5 - 1 mm²  Operating conditions  Relative humidity:  Max. 80 %  Operating temperature:  -20 to +55 °C  Storing temperature:  -30 to +70 °C  Protection degree:  Queration position:  any  Installation:  into installation box  Dimensions and weight  Dimensions:  94 x 94 x 36 mm					
Temperature measurement accuracy:  Outputs  Indications:	Type ext. sensor:	TC/TZ			
Indications: Indications: Indications: Indications: Indications: Installation BUS: Installation: Installation: Installation: Installation: Installation: Installation: Indications Pair of LEDs (red, green)  4  4  Auxiliary (red, green)  Auxiliary Auxiliary  Installation: Installa	Temperature measurement range:	-20°C to +120°C			
Indications:  Number:  2 3 4  Communication  Installation BUS:  BUS  Power supply  Supply voltage / tolerance: Rated current: 25 - 40 mA (at 27V DC), from BUS  Connection  Terminals: 0.5 - 1 mm²  Operating conditions  Relative humidity:  Operating temperature: 25 - 40 mA (at 27V DC), from BUS  Connection  Installation but installation box  Dimensions and weight	Temperature measurement accuracy:	0.5°C from range			
Number:  Communication Installation BUS:  BUS  Power supply  Supply voltage / tolerance: Rated current:  25 - 40 mA (at 27V DC), from BUS  Connection  Terminals:  Operating conditions  Relative humidity:  Operating temperature:  -20 to +55 °C  Storing temperature:  -30 to +70 °C  Protection degree:  IP20  Overvoltage category: Pollution degree:  Operation position: Installation: Installation:  Dimensions and weight  Dimensions:  94 x 94 x 36 mm	Outputs				
Communication Installation BUS:  Power supply  Supply voltage / tolerance: Rated current: 25 - 40 mA (at 27V DC), from BUS  Connection  Terminals: 0.5 - 1 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: into installation box  Dimensions and weight  Dimensions: 94 x 94 x 36 mm	Indications:	pair of LEDs (red, green)			
Installation BUS:  Power supply  Supply voltage / tolerance:  Rated current:  25 - 40 mA (at 27V DC), from BUS  Connection  Terminals:  Operating conditions  Relative humidity:  Operating temperature:  Storing temperature:  -20 to +55 °C  Storing temperature:  -30 to +70 °C  Protection degree:  IP20  Overvoltage category:  II.  Pollution degree:  Operation position:  any  Installation:  Dimensions and weight  Dimensions:  94 x 94 x 36 mm	Number:	2	3	4	
Power supply  Supply voltage / tolerance: 27 V DC, -20 / +10 %  Rated current: 25 - 40 mA (at 27V DC), from BUS  Connection  Terminals: 0.5 - 1 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: into installation box  Dimensions and weight  Dimensions: 94 x 94 x 36 mm	Communication				
Supply voltage / tolerance:  Rated current:  25 - 40 mA (at 27V DC), from BUS  Connection  Terminals:  0.5 - 1 mm²  Operating conditions  Relative humidity:  Operating temperature:  -20 to +55 °C  Storing temperature:  -30 to +70 °C  Protection degree:  IP20  Overvoltage category:  II.  Pollution degree:  Operation position:  any  Installation:  Dimensions and weight  Dimensions:  94 x 94 x 36 mm	Installation BUS:	BUS			
Rated current: 25 - 40 mA (at 27V DC), from BUS  Connection  Terminals: 0.5 - 1 mm²  Operating conditions  Relative humidity: max. 80 %  Operating temperature: -20 to +55 °C  Storing temperature: 1920  Overvoltage category: II.  Pollution degree: 2  Operation position: any  Installation: into installation box  Dimensions: 94 x 94 x 36 mm	Power supply				
Connection  Terminals: 0.5 - 1 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: into installation box  Dimensions and weight  Dimensions: 94 x 94 x 36 mm	Supply voltage / tolerance:	27 V DC, -20 / +10 %			
Terminals:  Operating conditions  Relative humidity:  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:  Dimensions and weight  Dimensions:  94 x 94 x 36 mm	Rated current:	25 - 40 mA (at 27V DC), from BUS			
Operating conditions  Relative humidity: Operating temperature: Operating temperature: Operating temperature: Overvoltage category: Pollution degree: Operation position: Installation: Operations and weight Operations: Operations and weight Operations are an analysis and an analysis a	Connection				
Relative humidity:  Operating temperature:  Storing temperature:  Protection degree:  Overvoltage category:  Pollution degree:  Operation position:  Installation:  Dimensions and weight  Dimensions:  Operating temperature:  -20 to +55 °C  IP20  II.  P20  Overvoltage category:  III.  any  Into installation box  Dimensions and weight  Dimensions:  94 x 94 x 36 mm	Terminals:	0.5 - 1 mm²			
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: into installation box  Dimensions and weight  Dimensions: 94 x 94 x 36 mm	Operating conditions				
Storing temperature: -30 to +70 °C Protection degree: IP20 Overvoltage category: II. Pollution degree: 2 Operation position: Installation: Installation: Into installation box  Dimensions and weight  Dimensions: 94 x 94 x 36 mm	Relative humidity:	max. 80 %			
Protection degree: IP20 Overvoltage category: II. Pollution degree: 2 Operation position: any Installation: into installation box  Dimensions and weight  Dimensions: 94 x 94 x 36 mm	Operating temperature:	-20 to +55 ℃			
Overvoltage category:  Pollution degree:  Operation position:  Installation:  Dimensions and weight  Dimensions:  94 x 94 x 36 mm	Storing temperature:	-30 to +70 °C			
Pollution degree:  Operation position: Installation: Installation box  Dimensions and weight  Dimensions:  94 x 94 x 36 mm	Protection degree:	IP20			
Operation position: any Installation: into installation box  Dimensions and weight  Dimensions: 94 x 94 x 36 mm	Overvoltage category:	II.			
Installation: into installation box  Dimensions and weight  Dimensions: 94 x 94 x 36 mm	Pollution degree:	2			
Dimensions and weight Dimensions: 94 x 94 x 36 mm	Operation position:	any			
Dimensions: 94 x 94 x 36 mm	Installation:	into installation box			
	Dimensions and weight				
Weight: 155 g	Dimensions:		94 x 94 x 36 mm		
	Weight:		155 g		

- The wall controller with touch controls series GSB3 is a design element (controller) in the system iNELS with elegant and comfortable control. Controllers are available in black (e.g. GSB3-40/B) and white (e.g. GSB3-40/W) variants.
- Between each pair of touch buttons there is available a pair of indicator LEDs (green, red) to signal not only the status of the controlled appliances, but also the status of any sensor or actuator in the system.
- At the location of each touch button there is available a blue diode signaling the touching of the given button. Touching may be signaled by a vibration impulse or sound tone - selectable in the software iDM3.
- Controllers are 4-channels (GSB3-40), 6-channels (GSB3-60) and 8-channels (GSB3-80).
- All versions are in the same dimension as a  $\,$  basic modular wall-switch (94x94 mm).
- $\bullet$  Each controller is equipped with a thermo sensor. It is equipped with two analog-digital inputs (AIN / DIN), and it is possible to connect two potentialless contact or an external temperature sensor TC / TZ. (for example on floor temperature measurement).
- Controllers are equipped with an ambient light intensity sensor. From the basic information from the sensor, it is possible to illuminate orientation blue diodes in the touch controls GSB3 or perform various actions in the software iDM3, e.g. illuminate light circuits in a hallway, etc.
- · Advantages over conventional switches/buttons include space saving, signaling of any output system, the ability to measure temperature and also the ability to connect external buttons or detectors.
- Each channel(button) can control any actuator (appliance) in the system. It is also possible to program various functions or macro (set of functions) to each button. This allows you to control several appliances with one button simultaneously.
- Each button (channel) can have different functional modes beside lighting control:
- a) Classic wall-switch:
- upper button ON, bottom button OFF.
- b) Button controller (impulse relay):
- first press ON, second press OFF.
- c) Dimmer:
- short press ON/OFF.
- d) Time switch:
- ON after press, automatically OFF after set time.
- e) Setting light scenes for example: for watching TV:
- shutters down
- main light 30% intensity
- wall-lamps 50% intensity.
- Design series LOGUS90 offers glass frames in black and white color. These frames goes perfectly with GSB3 wall buttons.

## **GSB3-40, GSB3-60, GSB3-80** | Glass wall touch controllers







EAN code

GSB3-40/W: 8595188132954 GSB3-60/W: 8595188132985 GSB3-80/W: 8595188132992

Connection

