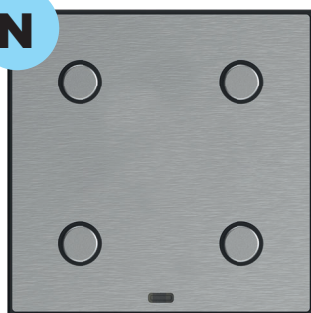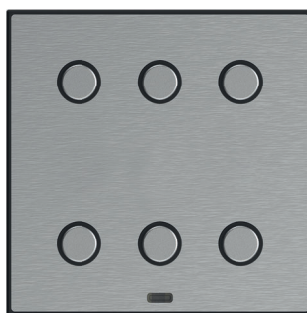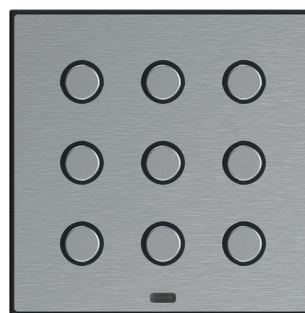N

EAN code
MSB3-40SS: 8595188191364
Order Code: 9136

EAN code
MSB3-60SS: 8595188191449
Order Code: 9144

EAN code
MSB3-90SS: 8595188189460
Order Code: 8946

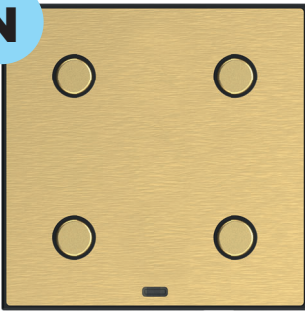| Technical parameters	MSB3-40	MSB3-60	MSB3-90
Inputs			
Temperature measuring:	YES, built-in temperature sensor		
Scope and accuracy of temp. measurement:	0 to +55 °C; 0.3 °C from the range		
Humidity measurement:	YES		
Humidity measurement range:	0 to 99 % RH		
Inputs:	AIN/DIN		
External temperature 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 12 000 Lx		
Buttons			
Number of control buttons:	4	6	9
Type:	button		
Indication:	white illuminated button		
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:	IP40		
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 40 mm		
Weight:	154 g		
Standards:	EN 63044-1		

- Metal switch buttons MSB3-40/XX, MSB3-60/XX and MSB3-90/XX are part of a comprehensive range of iNELS control units and can be advantageously used in all projects.
- MSB3 comes with premium metal plates in the antique copper, satin brass, brushed silver, and graphite black finish.
- MSB3-40/XX is equipped with four, MSB3-60/XX six and MSB3-90/XX nine touch buttons whose functions can easily modify by the software.
- The metal switch button are 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.
- Metal switch button is a design component of the iNELS system and is available in antique copper, satin brass, brushed silver, and graphite black versions.
- There is an option upon request to engrave text for each button, further enhancing customization possibilities.
- Individual buttons can be illuminated in white.
- MSB3-40/XX, MSB3-60/XX and MSB3-90/XX are designed for mounting into an installation box.
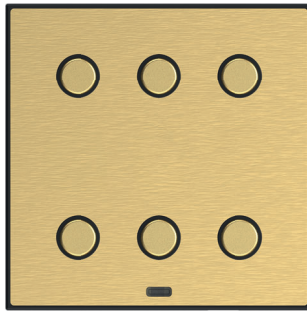- All versions are in the size of the standard module (94x94 mm).
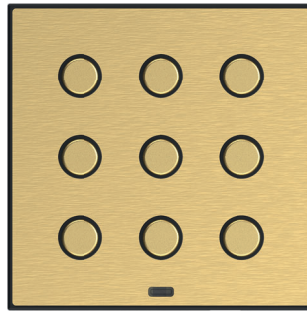
Another view

MSB3-90/CC

Example

MSB3- XX/BB = Graphite black plate + Graphite black button

MSB3- XX/GG = Satin brass plate + Satin Brass button

MSB3- XX/SS = Brushed silver plate + Brushed silver button

MSB3- XX/CC = Antique copper plate + Antique copper button

Metal controllers
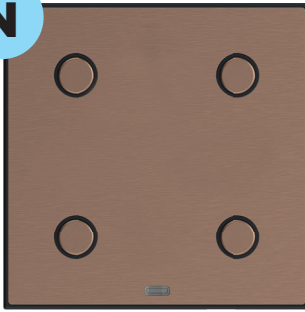
EAN code
MSB3-40GG: 8595188191388
Order Code: 9138
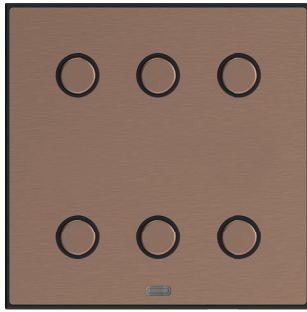
EAN code
MSB3-60GG: 8595188191463
Order Code: 9146
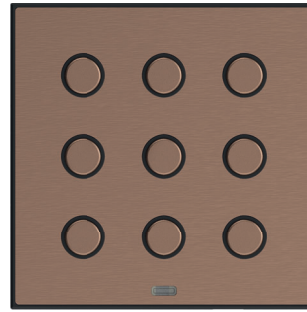
EAN code
MSB3-90GG: 8595188189088
Order Code: 8908
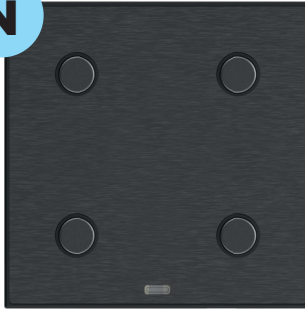
EAN code
MSB3-40CC: 8595188191401
Order Code: 9140

EAN code
MSB3-60CC: 8595188191487
Order Code: 9148

EAN code
MSB3-90CC: 8595188191319
Order Code: 9131
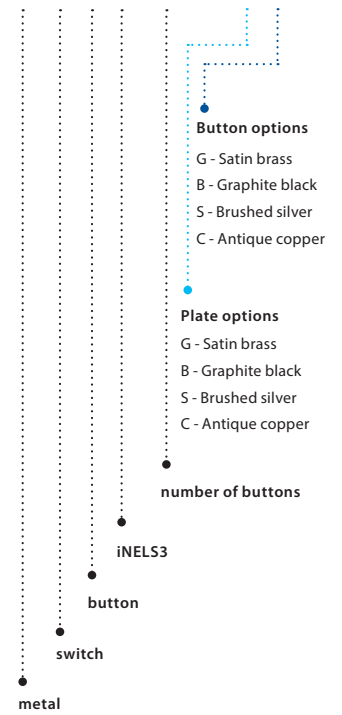
EAN code
MSB3-40BB: 8595188191425
Order Code: 9142
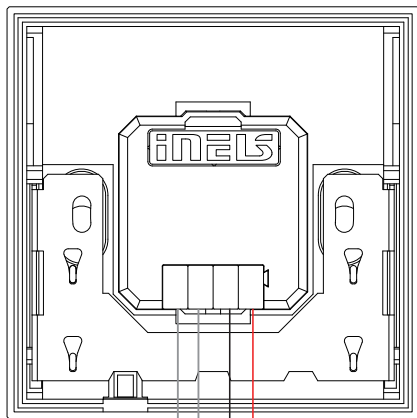
EAN code
MSB3-60BB: 8595188191500
Order Code: 9150

EAN code
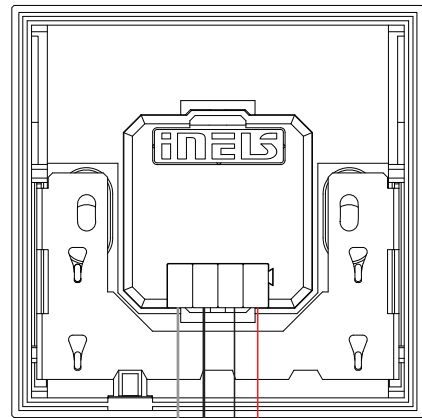MSB3-90BB: 8595188191333
Order Code: 9133

MSB3-90/xx

Button options
G - Satin brass
B - Graphite black
S - Brushed silver
C - Antique copper

Plate options
G - Satin brass
B - Graphite black
S - Brushed silver
C - Antique copper

number of buttons

iNELS3

button

switch

metal

Connection

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

+BUS
- BUS

temperature sensor TC/TZ

+BUS
- BUS