WSB3-20, WSB3-20H | Wall group controllers with low-upstroke control

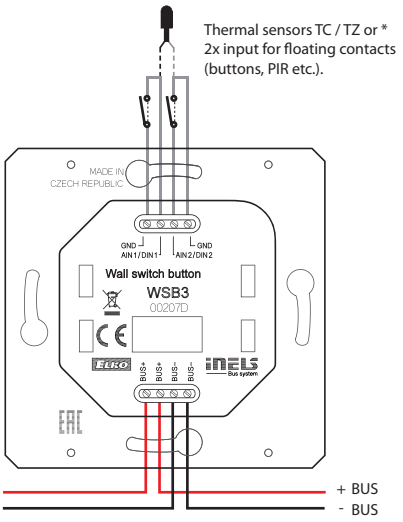


EAN code
WSB3-20: 8595188132343
WSB3-20H: 8595188132473

Technical parameters	WSB3-20	WSB3-20H
Inputs		
Temperature measuring:	YES, built-in temperature sensor	
Scope and accuracy of temp. measuring:	0 to +55°C ; 0.3°C from the range	
Number of control buttons:	2	
Humidity measurement:	NO	YES
Humidity measurement range:	-	0 to 99% Relative humidity
Humidity measurement accurancy:	-	± 3 % Relative humidity
Inputs:	2x AIN/DIN	
External temperature sensor:	YES, the connection between AIN1/DIN1 and AIN2/DIN2	
Type ext. sensor:	TC/TZ	
Temperature measurement range:	-20 °C to +120 °C	
Temp. measurement accuracy:	0.5 °C from range	
Outputs		
Indication:	two-colored LED (red, green)	
Number of LEDs:	1	
Communication		
Installation BUS:	BUS	
Power supply		
Supply voltage / tolerance:	27 V DC, -20 / +10 %	
Rated current:	25 mA (at 27V DC), from BUS	
Connection		
Terminals:	0.5 - 1 mm^2	
Operating conditions		
Operating temperature:	-20 .. +55 °C	
Storing temperature:	-30 .. +70 °C	
Protection degree:	IP20	
Overvoltage category:	II.	
Pollution degree:	2	
Operation position:	any	
Installation:	into installation box	
Dimensions and weight		
Dimensions - plastic: - metal, glass, wood, granite:	 85.6 x 85.6 x 42 mm 94 x 94 x 36 mm	
Weight:	65 g (without frame)	

- Wall controllers with low-upstroke control WSB3-20 and WSB-20H are the main and most frequently used units (controller) in the iNELS system.
- Built-in micro-buttons with low upstroke offer elegant and easy control.
- Wall switches WSB3-20 and WSB3-20H are available in two-channel version.
- Double color (red/green) LED diode indicates either status of controlled appliances or status of any sensor or actuator in the system.
- Wall buttons in WSB3 series are compatible with both types of frames LOGUS^{90} (85.6 x 85.6 or 94 x 94 mm), therefore you can combine them with double and triple frames and classic products of the series.
- Each controller is equipped with a temperature sensor. It is also equipped with two analog/digital inputs (AIN/DIN), which can be used to connect two potentialless contacts or one external temperature sensor TC/TZ (e.g. for measuring floor temperature).
- Wall button WSB3-20H is comparable to the WSB3-20 but additionally equipped with a relative humidity meter, and for better access of air to the sensor can be used with 99621T including accessories 99622 (Vista MT) and 99,623 (Vista IRMT), instead of the housing cover 99601T.
- Compared to standard wall buttons WSB3-20 and WSB3-20H are more flexible and multifunctional. You can for example controll appliances by short and long push of the button (e.g.: dimming, shutter control, scenes).
- Each button can control any appliance in the system and can use a variety of centralized or time controlled features. Accordingly, the customer can choose the simplicity / complexity of the operation. The big advantage is the possibility to change the method of control by only making software modifications without physical interventions into the structure of the building.
- Each button (fold) 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.
- WSB3 in LOGUS^{90} design is designed for mounting into an installation box.

Connection



* The choice is made in iDM3 for each unit separately.