IBWL3-xxB-SL | iNELS BUS wireles link

EAN code:
IBWL3-02-SL: 8595188193689
IBWL3-20-SL: 8595188193993

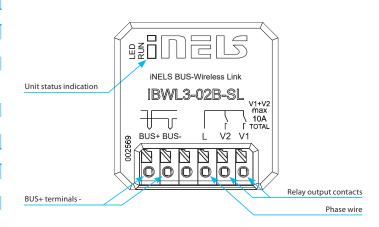| Technical parameters	IBWL3-02B-SL	IBWL3-20B-SL
Inputs		
Input:	-	2xswitching or expanding against GND (-)
Max. pulse reading frequency:	-	20 Hz
Output		
Number of contacts:	2xswitching	-
Rated current:	8 A / AC1	-
Switching power:	2000 VA / AC1	-
Peak current:	Ipeak a<110A 300us / max. input capacity 125 uF	-
Switching voltage:	250 V AC1	-
Mechanical service life:	1×10^7	-
Electrical service life (AC1):	1×10^5	-
Communications		
RF		
Wireless:	max. 8 addresses can be assigned	
Communication Protocol:	RFIO2	
Frequency:	866–922 MHz (viz str. 81)	
Range:	in open space up to 200 m	
BUS		
Installation bus	BUS	
Unit status indication	green LED RUN	
Power supply		
Supply voltage tolerance:	27 V DC, -20/+10 %	
Power dissipation:	max. 1 W	
Rated current:	25 mA (at 27 V DC), from bus the BUS	
Connecting		
Terminal block:	screwless terminals	
Connection wire cross section (mm²):	0.2-1.5 solid/flexible	
Other data		
Humidity:	max. 80 %	
Operating temperature:	-20 .. +55 °C	
Storage temperature:	-30 .. +70 °C	
Protection:	IP40	
Overvoltage Category:	II.	
Contamination degree:	2	
Operating position:	any	
Installation:	free at lead-in wires	
Design:	box SL	
Dimensions and weight		
Dimensions:	43 x 44 x 22 mm	
Weight:	45 g	45 g
Related standards:	EN 63044-1	

- The IBWL3-xx module enables seamless integration of iNELS wireless devices (such as controllers and detectors) with the wired iNELS BUS system, enhancing control and flexibility.
- The IBWL3-XX expands system capabilities by enabling wireless devices to trigger events and interact with other BUS elements, making it ideal for smart home and building automation.
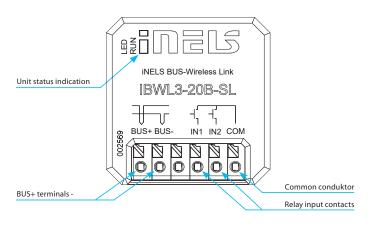- Two options available:
  IBWL3-02B-SL: Supports up to 8 wireless devices and includes 2 built-in relays for direct control of wired components.
  IBWL3-20B-SL: Supports up to 8 wireless devices and features 2 dry contact inputs for external devices.
- Wireless devices are paired using unique RF addresses through the iNELS Design Manager (iDM3), allowing the control unit (CU3-XX) to recognize and create logic with BUS system elements.
- Each IBWL3 module can connect up to 8 wireless devices.
- The module is housed in a compact box design and powered directly by the 27V iNELS BUS, ensuring simple installation and a sleek, unified look.

Device description

Connection