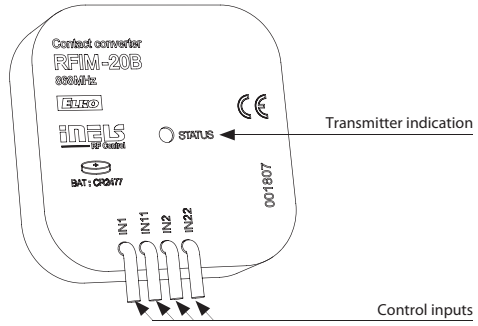
RFIM-20B RFIM-40B

Technical parameters	RFIM-20B	RFIM-40B
Supply voltage:	1x 3 V baterry CR 2477	2x 3 V baterry CR 2032
Battery life:	5 years	
Transmission indication / function:	orange LED	red LED
Number of inputs:	2	4
Transmitter frequency:	866 MHz, 868 MHz, 916 MHz	
Signal transmission method:	unidirectionally addressed message	
Range in free space:	up to 200 m	
Other data		
Operating temperature:	-10 to +50 °C	
Operating position:	any	
Terminals (CY wire, cross-section):	4 x 0.75 mm²	6 x 0.75 mm²
Length of terminals:	90 mm	
Resist.of connection between terminals		
- for switched on button:	< 300 Ω	
- for disconnected contact:	> 10 kΩ	
Mounting:	free at lead-in wires	
Protection:	IP30	
Contamination degree:	2	
Dimensions:	49 x 49 x 13 mm	
Weight:	45 g	50 g
Open contact voltage:	pulse 12 V	3 V
Length of cable to contact:	max. 100 m of parallel lines	max. 5 m
Related standards:	EN 60669, EN 300 220, EN 301 489 R&TTE Directive, Order. No 426/2000 Coll. (Directive 1999/EC)	

- **RFIM-20B:** the wireless contact converter changes your existing button / switch to a wireless one.
  - two inputs enable control of two units independent.
  - battery power supply (3 V / CR2477 - included in the supply) with battery life of around 5 years based on frequency of use.
  - contact can be permanently closed (does not drain on the battery).
- **RFIM-40B:** the wireless contact converter changes your existing button to a wireless one.
  - four inputs enable control of four units independently.
  - battery power supply (2x 3 V / CR2032) with battery life of around 5 years based on frequency of use (included in the supply).
  - only impulse control
- It can be used to transmit information on switching on the contact (detector, button, technology, logic output).
- The BOX design lets you mount it right in an installation box under the button or switch.
- When pressing the button, it sends a set signal (ON/OFF, dimming, time switching OFF / ON, blinds up/down).
- Sending a command is indicated by a red LED.
- Option of setting light scenes, where with a single press, you can control multiple units of iNELS RF Control.
- Range up to 200 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO² that support this feature.
- Communication frequency with bidirectional protocol iNELS RF Control.

Device description

RFIM-20B



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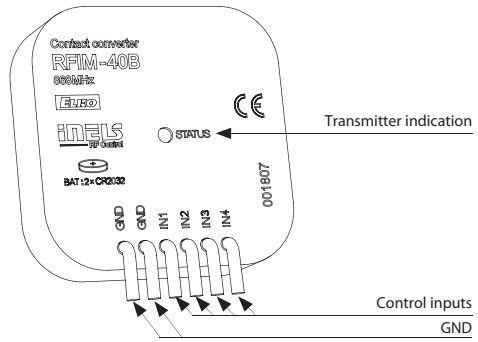
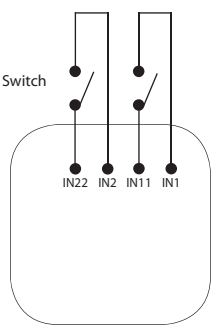
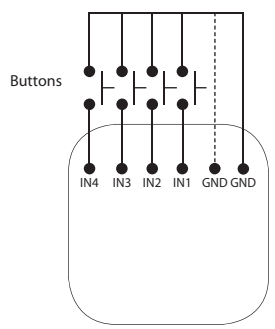


Connection

RFIM-20B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