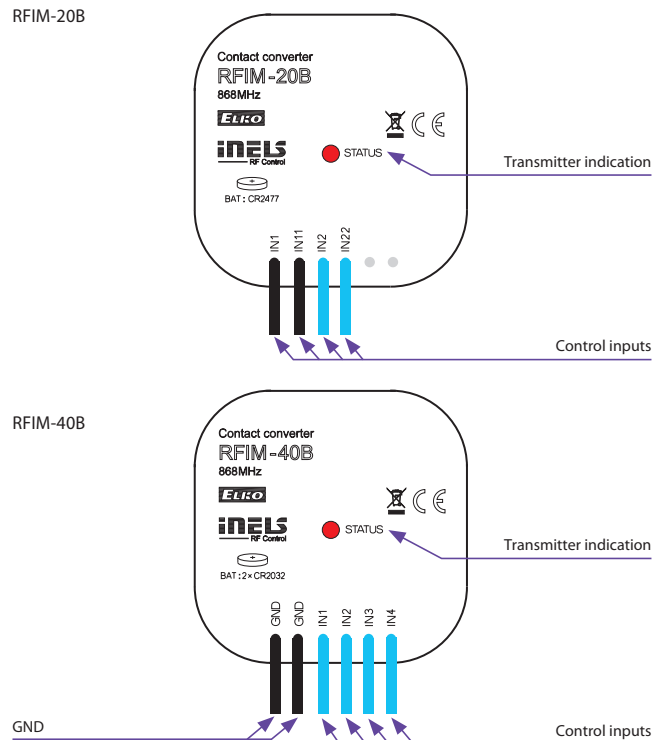




- **RFIM-20B:** the wireless contact converter changes your existing wired button/switch to a wireless one.
 - two inputs enable control of two units independent,
 - battery power supply (1x 3 V CR 2477 battery - included in the supply) with battery life of around 5 years based on frequency of use,
 - contact can be permanently closed (does not drain on the battery).
- **RFIM-40B:** the wireless contact converter changes your existing wired button to a wireless one.
 - four inputs enable control of four units independently,
 - battery power supply (2x 3 V CR 2032 batteries) with battery life of around 5 years based on frequency of use (included in the supply),
 - button control (input must not be permanently closed).
- It can be used to transmit information on switching on the contact (detector, button, technology, logic output).
- When pressing the button, it sends a set signal (ON/OFF, dimming, time switching OFF/ON, blinds up/down).
- 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 RFIO.
- The BOX design lets you mount it right in an installation box under the button or switch.

Technical parameters	RFIM-20B	RFIM-40B
Supply voltage:	1x 3 V CR 2477 battery	2x 3 V CR 2032 batteries
Battery life:	5 years based of frequency use	
Transmission indication / function:	orange LED	red LED
Number of inputs:	2	4
Input switching time:	Permanent input connection (contact)	Short-tem input connection (button)
Control		
Communication protocol:	RFIO	
Frequency:	866-922 MHz (for more information see p. 76)	
Repeater function:	no	
Signal transmission method:	unidirectionally addressed message	
Range:	in open 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 mm ²	6 x 0.75 mm ²
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)	

Device description



Connection

