

Type	DI	DO	AI	AO	Comm
R-IB-0400B	4				RFox

Basic features

- Module with 4 inputs for sensing device with output voltage-free contact.

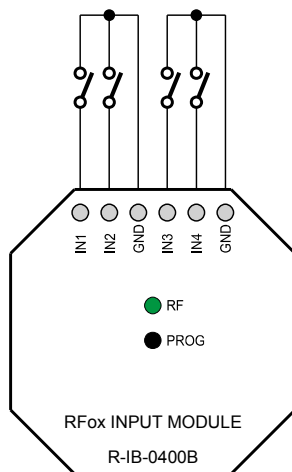
Connection

- Module is designed as standard device of data radio network RFox.
- Mechanical design suitable for built-in into standard installation box.
- Recommended installation position vertical, according to sign on the cover.

Use

- Connection of contact switches in any design, any sensors, signalling their status by voltage-free contact, especially security and safety sensors etc.

Connection example



Digital inputs

Number of inputs	4 x voltage-free contact, with common terminal
Input resistance for switching on	Max. 100 Ω
Input resistance for switching off	Min. 20 kΩ

Communication RFox

Frequency	868.35 MHz
Signal transmission	Both directions with confirmation
Range	About 30m in building, 100m in empty space ¹⁾
Range of transmitting	10 min without input activation, immediately with input activation

¹⁾ range depends on type of building construction materials and type of installation. To extend the range of communication there is mesh technology available.

Operating conditions

Operation temperature	0 ÷ +70 °C
Storage temperature	-30 ÷ +70 °C
Electric strength	according EN 60950
IP Degree of protection IEC 529	IP 20
Degree of pollution IEC EN 60664-1:2004	2
Working position	vertical, according to sign on the cover
Installation	into installation box under plaster

Dimensions and weight

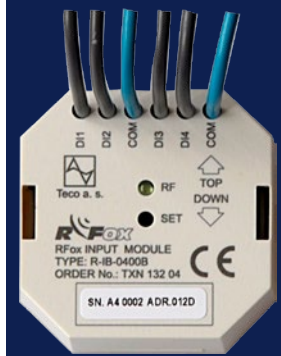
Dimensions	49 x 49 x 25 mm
Weight	30 g

Power supply

Power supply	½AA lithium battery ER14250M
Battery lifetime	about 2 years (according to frequency of switching)
Battery diagnostics	Yes

Order number

TXN 132 04	R-IB-0400B, RFox, 4 x DI, voltage-free contact, box, battery
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R-IB-0400B