

Type	DI	DO	AI	AO	Comm
<b>R-WS-0200R-Time</b>	2				RFox
<b>R-WS-0400R-Time</b>	4				RFox
<b>R-IT-0100R-Time</b>			1 temperature		RFox

## Basic features

- Wall group switches with short-press control. Each control element has button in upper and lower part.
- Each pushbutton can be configured for any action during project realization. The length of pressing of each button can be evaluated as single command to multiply functionality of the device. Under one command can be configured more simultaneous actions - scenarios like closing the blinds, lights on for preset intensity, the TV on etc.
- Power supply comes from built-in, exchangeable battery.

## Connection

- Controller has no external connection.
- Into RFox network it is connected by process of bonding.

## Use

- In interiors into standard installation boxes under plaster, stick on flat surface or free use as portable device.
- Controllers are designed to be compatible with frames and devices of ABB design Time and Element. Basic color design of frames and button covers is white/white.
- Frames and covers in other colors can be ordered/delivered on request.



R-WS-0400R Time



R-WS-0200R Time



R-IT-0100R-Time

Digital inputs	R-WS-0200R	R-WS-0400R	Analog inputs	R-IT-0100R
Input type	2 x Button	4 x Button	Input type	1 x temperature

Communication	R-WS-0200R	R-WS-0400R	R-IT-0100R
Wireless bus	RFox	RFox	RFox
Antenna	Integrated	Integrated	Integrated
Frequency	868 MHz	868 MHz	868 MHz
Signal transfer	Both directions with confirmation	Both directions with confirmation	Both directions with confirmation
Range	About 25 m in building, 100 m in empty space	About 25 m in building, 100 m in empty space	About 25 m in building, 100 m in empty space
Interval of transmitting	7 min (without input activation), always during activation	7 min (without input activation), always during activation	7 min (without input activation), always during activation

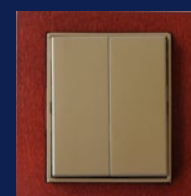
Dimensions and weight	R-WS-0200R	R-WS-0400R	R-IT-0100R
Dimensions	83×81×19mm	83×81×19mm	83×81×19mm
Weight	70g	70g	70g

Power supply	R-WS-0200R	R-WS-0400R	R-IT-0100R
Power supply and communication	CR2032 lithium battery	CR2032 lithium battery	CR2032 lithium battery
Lifetime of battery	Min.t 1 year according frequency of usage.	Min. 1 year according frequency of usage.	Min. 1 year according frequency of usage.

Operating conditions	
Operating temperature	-20 .. +55 °C
Storage temperature	-30 .. +70 °C
IP Degree of protection IEC 529	IP 20
Working position	Any. According position may change communication abilities.
Installation	On installation box or flat surface

Order number	
TXN 132 30	R-WS-0200R-Time, Element, RFox, wall switch with 2 short press buttons
TXN 132 31	R-WS-0400R-Time, Element, RFox, wall switch with 4 short press buttons
TXN 132 32	R-IT-0100R-Time, Element, RFox, Temperature sensor in interior design.

Important notice! To complete wall switches it is necessary to order separately the cover and the frame in required color according to product line ABB Time/Element! See chapter Covers and frames in Price list or at web page.



R-WS-0400R Time-Arbo



R-WS-0400R-Time-Champagne