

Radio hand-held transmitter EFS-xRP

Features

- Ready-to-use, compact handheld transmitter with 1, 2, or 4 buttons
- Factory-programmed and user-configurable
- Configurable for our fixed-code or Keeloq protocol
- Compatible with most of our radio receivers (433 MHz and 868 MHz)
- LED for transmission status indication
- Registration- and fee-free operation in the EU and Switzerland

Description

The radio hand-held transmitters of the EFS-xRP series are compact and affordable devices available for both the 433.92 MHz and 868.3 MHz frequency bands. However, the frequency band cannot be changed.

The code is typically preset at the factory and is matched to the corresponding radio receiver. With the appropriate programming adapter, the user can change the configuration. The required software is available free of charge.

Function

The radio hand-held transmitters EFS-xRP can be used with most of our radio receivers (433 MHz and 868 MHz). They can be programmed for either a fixed-code or a Keeloq (rolling code) application.

The functions are configured on the radio receiver. The hand-held transmitter simply transmits a code, which the radio receiver uses to execute the corresponding function.

When paired with a compatible radio receiver, the user has a flexible system that can be adapted at any time to their needs and the specific application.

Technical Data

Frequency	433.92 MHz 868.3 MHz (cannot be changed)
Transmission power	Max. 1 mW
Range (in the open field)	Ca. 100...150 m, with chrome designer trim range reduced by ca. 25%
Number of channels	1, 2 or 4
Operating element	Push buttons
Labelling	Laser marking on request
Code	20-bit (linear) 66-bit HCS301 protocol (Keeloq)
Code setting	Factory configured and user-configurable (programming adapter required)
Modulation	ASK (AM)
Transmission control	Optical (LED)
Current consumption	Typ. 7 mA (max. 15 mA)
Power supply	3V (CR2032 Lithium)
Protection class	IP40
Dimensions	71.7 × 39.4 × 11.6 mm
Weight (incl. battery)	25 g 52 g (with chrome design trim)
Operating temperature range	-10...+50 °C

Scope of Supply

1 x Radio hand-held transmitter EFS-xRP, including a 3V lithium battery (CR2032)

EFS-1RP-W-C



EFS-2RP-S-C



EFS-4RP-S-K



Variations of the Design Trim



Safety Instructions



- These radio hand-held transmitters are not permitted for use in safety-relevant systems and are not SIL- or PL-certified!
- If certain safety requirements are made, these must be implemented by higher-level measures with approved equipment.
- Do not control any application where there is danger to life and limb or where material damage may occur if you do not have visual contact with the application!

Installation Instructions



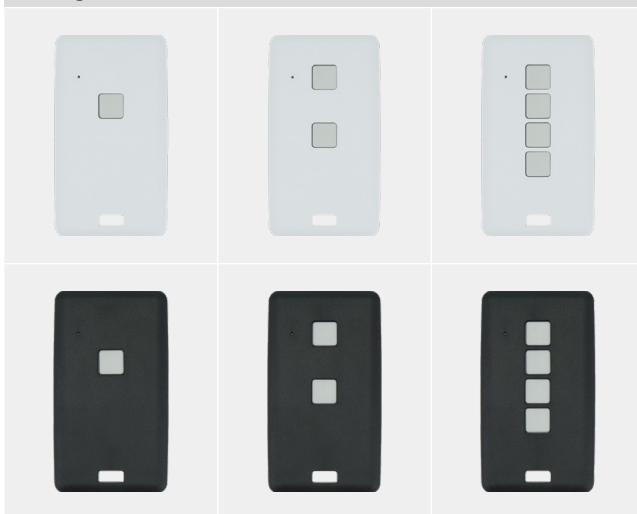
- Installation/commissioning may only be carried out by specialist companies or appropriately qualified personnel!

Operating Instructions



- The units may only be used as described in the manual.
- Only undamaged units may be used under the specified environmental conditions.

Casing Variants



Accessories: Wall Mount



Accessories: Belt Clip



Order Code

Number of buttons

- 1RP** 1 button
2RP 2 buttons
4RP 4 buttons

Frequency

- 433** 433.92 MHz
868 868.3 MHz

Case colour

- S** Black
W White

Design trim

- K** Made of plastic (grey)
C Made of chrome-plated metal (Please note: range reduced by ca. 25%)

Protocol (not part of the article title)

- FCP** Fixed-code protocol (when using radio receivers with switch contacts/relays)
Please provide the code when placing your order (e.g. 100001...6)
HCS Keeloq protocol (when using radio receivers with an interface)
Please provide the address and ID when placing your order (e.g. Address 14, ID 59)

E F S - 1 R P - 4 3 3 - S - K - F C P