



WIRELESS PUSH-BUTTONS,
HAND-HELD TRANSMITTERS
AND REPEATERS



WIRELESS PUSH-BUTTONS WITHOUT BATTERY, HAND-HELD TRANSMITTERS AND REPEATERS

Needing neither batteries nor maintenance, Vossloh-Schwabe's wireless push-buttons are based on EnOcean technology and utilise the inductive energy produced by pressing a button to transmit signals.

EnOcean technology ensures that the signal and transmission protocols also remain open for future device developments in an internationally standardised way.

Advantages of using wireless push-buttons:

- Very fast installation
- No soiling when mounting the push-buttons
- Eco-friendly as well as maintenance- and battery-free
- Higher quality of life due to convenient functions
- Future-proof and reliable technology

Vossloh-Schwabe's extensive range of wireless push-buttons, mini hand-held transmitters and repeaters makes a perfect complement to the LW Light Controller.

Wireless modules for LiCS Indoor system



Flat Wireless Push Buttons

For individual and flexible control of luminaires or luminaire groups in the LiCS Indoor system

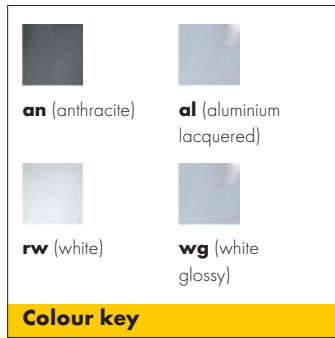
The flat push buttons generates the power for wireless telegrams itself when the button is pressed, therefore there is no connecting wire and no standby loss.

Wireless push buttons with one rocker can transmit two evaluable signals. Wireless push buttons with double rocker can transmit four evaluable signals.

The scope of supply comprises the frame, a rocker and a double rocker (frame and rocker in same colour), the fixing frame, the mounting base, the wireless module and one adhesive foil.

The fixing plate of the wireless flat push button can be screwed onto a flat surface or glued to the wall, on glass or on furniture using the enclosed adhesive foil.

In addition, VS' wireless push-buttons can also be delivered in an illuminated version. Laser engraved rockers are available on request.



Type	Description	Frame dimensions		Rocker height mm	Ref. No. / Colours				Weight g	Unit pcs.
		external mm	internal mm		an	rw	wg	al		
Wireless push button FT4F										
LiCS-LW-FT4F-1	Wireless module, frame, 1 rocker and 1 double rocker	80x80	63x63	15	551418	551416	551417	551415	30	1
Wireless push button FT55										
LiCS-LW-FT55-1	Wireless module, frame, 1 rocker and 1 double rocker	80x80	55x55	15	551414	551412	551413	551411	30	1
Wireless push button FFT55Q										
LiCS-LW-FFT55Q	Wireless module, frame, 1 rocker	84x84	55x55	11	551427	551425	551426	551424	30	1

Wireless Hand-held Transmitters and Remote Control

For individual control of luminaires or luminaire groups in the LiCS Indoor system

The batteryless mini hand-held transmitter FMH and the batteryless remote control contain the same wireless module as the wireless pushbuttons FT4.

FMH2 transmitters with one rocker can transmit two evaluable signals. FMH4 transmitters with a double rocker can transmit four evaluable signals. The remote control FF8 has 2 double rockers. It can transmit 8 evaluable wireless telegrams.

The top is painted in aluminum and the bottom and the rockers have an anthracite-soft paint.

This wireless hand-held transmitter can be attached to the wall, on glass or on furniture using an enclosed adhesive foil.

Both mini hand-held transmitters are also prepared to attach a key ring.

Marking / Rocker switch function

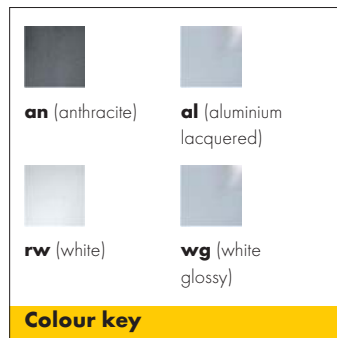
FMH2: Upper part 0 (= off) and bottom part 1 (= on)

FMH4: Upper part left "1", upper part right "2", bottom part left "3", bottom part right "4"

FF8: The wireless modules are rotated 90° to the left. Therefore the upper half of the rocker corresponds to the right half of the push button and the hand-held transmitter. This must be considered when teaching-in in wireless actuators.

If wireless modules will be exchanged, the label 0 has to be on the left.

Laser engraving for rockers are available on request. The rockers can be easily removed and replaced with laser engraved rockers.



Type	Description	Dimensions mm	Height mm	Ref. No. / Colour				Weight g	Unit pcs.
				an	rw	wg	al		
Hand-held transmitters FMH2									
LiCS-LW-FMH2	1 rocker	43x43	16	551422	551420	551421	551419	30	1
Hand-held transmitters FMH4									
LiCS-LW-FMH4	1 double rocker	43x43	16	551410	551408	551409	551407	30	1
Remote control FF8									
LiCS-LW-FF8	2 double rockers	185x50	17	—	—	—	551423	140	1

1 and 2 Level Wireless Repeaters

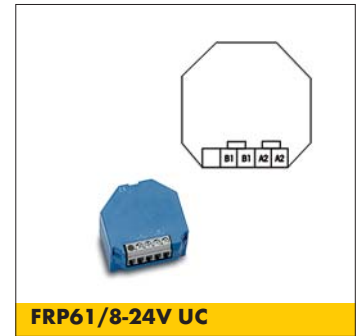
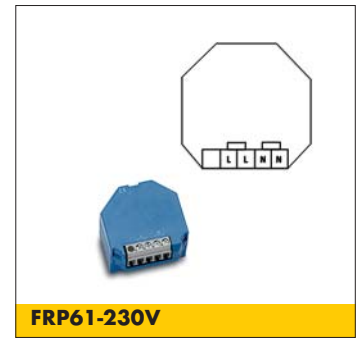
For amplifying of wireless signals in the LiCS Indoor system

This repeater is only needed if the building conditions do not allow undisturbed reception or the distance between the wireless push button and receiver is too great.

The 1-level mode is activated ex works. Only the signals are received, tested and retransmitted at full transmit power. Wireless signals from other repeaters are ignored to reduce the data volume.

Switchover to 2-level mode is carried out by removing the cover (lightly press the latching clips) and repositioning the jumper flush right. In this setting, wireless signals from other 1-level repeaters are also processed. A signal may therefore be received and amplified twice.

Wireless repeaters need not be taught-in. They receive and amplify signals from all wireless sensors within their reception area.



Type	Description	Ref. No.	Voltage V	Standby loss W	Dimensions LxWxD (mm)	Weight g	Unit pcs.
Wireless repeater FRP61-230 V							
LiCS-LW-FRP61-230V	For in-wall installation	551606	230	0.8	45x55x33	50	1
Wireless repeater FRP61/8-24 V UC							
LiCS-LW-FRP61/8-24V UC	For in-wall installation	551607	8-24 UC	0.3 (8 V) 0.5 (12 V) 1 (24 V)	45x55x18	50	1