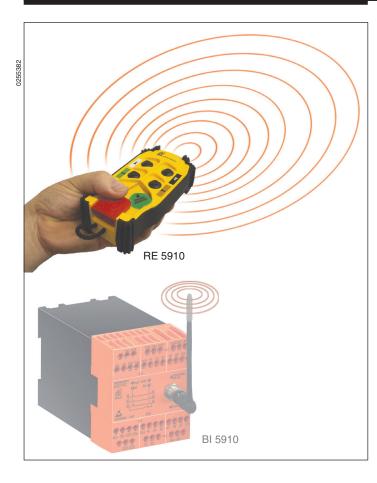
Safety Technique

SAFEMASTER W Wireless Safety System Remote Control for E-Stop RE 5910







- · with DOLD Wireless Safety System
 - Performance Level (PL) e and category 4 to EN ISO 13849-1: 2008
 - Safety Integrity Level (SIL 3) to IEC/EN 61508
 - Category 4 to EN 954-1
 - DIN EN ISO 13850
- · Safety radio transmission
- User friendly, compact transmitter
 - for radio controlled safety modul BI 5910
 - for multifunction, modular safety system SAFEMASTER® M
- Comfortable single hand operation
- Options with 4 configurable push buttons or rotational switches for control functions
- With perceptible 2 step push buttons
- With marking space besides the push buttons
- Protection against unintentional activation
- Speed charging and high battery capacity
- · Fast change of frequency
- · Pocket for remote control as option

Additional Information

• Information about the receiver unit you find in the data sheet BI 5910

Approval and Marking



Notes

A visible e-stop button must be active all the time.

This means that the e-stop button of the remote control must not be visible when it is inactive. Therefore the charger must be mounted in a way that the remote control is not visible while charging.

Technical Data

Radio

Conformity: ETS 300 220

Carrier frequency:
UHF, frequency modulated (FM)
Frequency:
64 programmable frequencies
Frequency range:
433.1 ... 434.675 MHz
HF-power:
< 10 mW (without licence),

integrated aerial

Distance: approx. 150- 200 m under industrial

ambient conditions *)

approx. 600 m in open area

Battery

Type: Lithium-ion

Service life: min. 500 cycles (charge/discharge cycles)

Charging time: 2 h, bei +20°C (80%)

(for completely discharged battery)

Full charging time: 2 h 30 min (100%)

Charge capacity

 Normal operation of push buttons:

Charging temperature:

20 h, at 50% operation and + 20°C

 after 10 minutes charging of discharged battery:
 Storage temperature:

approx. 1 h -20°C ... +50°C 0°C ... +40°C

Attention! Slow charging outside temperature range may damage the

battery

^{*)} The distance can vary with the ambient conditions of the remote control and the receiver aerial (roof construction, metal walls etc.)

Technical Data		Accessories	
Enclosure Material: Degree of protection:	ABS IP 65	RE 5910/010:	Industrial charger unit Article number: 0060616
Ambient temperature: Holder for non-operation: Weight (with battery):	-20°C +50°C Charger unit 240 g	RE 5910/011:	Power supply for charger AC 230 V (Euro connector) Article number: 0060617
Dimensions		RE 5910/012:	Power supply for charger DC 24 V Article number: 0060618
Width x height x depth: 46 x 78 x 143 mm		RE 5910/013:	Power supply for charger AC 230 V (U.K. connector) Article number: 000018
Standard Type			
RE 5910/001 Article number: • with 4 2 step push button: • without infrared • with electronic key	0060610 s	RE 5910/030:	Set with 6 colour stickers "movements" fo 2-step push buttons Article number: 0059660
Ordering Example		RE 5910/031:	Set with 90 black and white stickers Article number: on request
RE 5910/00_	/ariant	RE 5910/033:	Set with 48 white stickers + 48 transparen protection stickers forindividual marking Article number: 0059663
1: with 4 2 step push buttons, without IR 2: with 4 2 step push buttons, with IR 3: with 4 1 step push buttons, without IR		RE 5910/051:	Replacement rechargeable battery Article number: 0060621
5:	: with 4 1 step push buttons, with IR : B1-B3: step push button (BPSV), B4: rotational switch with auto return (COM3R) : B1-2: 1 step pushbutton (BPSV), B3-B4: rotational switch (COM3), with IR : B1-B2: 1 step pushbutton (BPSV) B3-B4: rotational switch (COM3), without IR, with electronical key : B1-B2: 2 step pushbutton (BPDV) B3-B4: rotational switch (COM2), without IR, without electronical key 4: B1-B3: 1 step pushbutton (BPSV),	RE5910/070:	Remote control holster for RE5910; Material: leather, - metal clip to fix it on belt with rings to clip in the personal mountin harness RE 5910/071 Article number: 0060490
8		RE 5910/071:	Personal mounting harness with elastic straps to carry the remote control in the holste RE5910/070 on the body of the operator. Article number: 0060491
911		Electrical replacement key	
B4: rotational switch (COM3R), with IR others on request		RE 5910/020:	Green electronic key with program Article number: 0060619
		RE 5910/021:	Orange electronic key with program Article number: 0060620
		Important:	Please state the following details on order: Number of electronic key (6 figure number noted on page 2 of this manual) Frequency channel, if it should be programme by manufacturer Time delay for activity control (01-99 sec control)

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