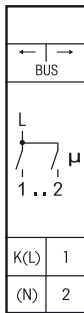
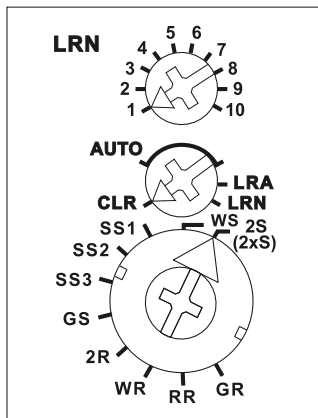


## RS485 BUS ACTUATOR MULTIFUNCTION IMPULSE SWITCH WITH INTEGRATED RELAY FUNCTION FMS14



### Function rotary switches



Standard setting ex works.

Further settings can be made using the PC Tool PCT14.

Connection example page 1-42.  
Technical data, see page 1-44.  
Housing for operating instructions GBA14 page 1-40.

## FMS14



**Multifunction impulse switch with integrated relay function, 1+1 NO potential free 16 A/250 V AC, incandescent lamps 2000 W, with DX technology. Bidirectional. Only 0.1-0.6 watt standby loss.**

Modular device for DIN-EN 60715 TH35 rail mounting.

1 module = 18 mm wide, 58 mm deep.

**Connection to the Eltako-RS485 bus. Bus cross wiring and power supply with jumper.**

**Patented Eltako Duplex technology allows you to switch normally potential free contacts in zero passage switching when 230 V A/C voltage 50Hz is switched. This drastically reduces wear. To achieve this, simply connect the N conductor to the terminal (N) and L to K(L). This results in an additional standby consumption of only 0.1 watt.**

Maximum current over both contacts 16 A for 230 V.

If supply voltage fails, the device is switched off in defined mode.

When both relays of the FMS14 are switched on, 0.6 watt are required.

**The upper and the middle rotary switches** are for teaching-in the sensors. In normal mode, the middle rotary switch is then set to AUTO and the bottom rotary switch to the required function:

**2S** = Impulse switch with 2 NO contacts

**(2xS)** = 2-way impulse switch each with one NO relay

**WS** = Impulse switch with 1 NO contact and 1 NC contact (0.3 watt standby loss)

**SS1** = Impulse multi circuit switch 1+1 NO contacts for switching sequence 1

**SS2** = Impulse multi circuit switch 1+1 NO contacts for switching sequence 2

**SS3** = Impulse multi circuit switch 1+1 NO contacts for switching sequence 3

**GS** = Impulse group switch 1+1 NO contacts

**2R** = Switching relay with 2 NO contacts

**WR** = Switching relay with 1 NO contact and 1 NC contact (0.3 watt standby loss)

**RR** = Switching relay (closed-circuit current relay) with 2 NC contacts (0.5 watt standby loss)

**GR** = Group relay 1+1 NO contacts

Switching sequence SS1: 0 - contact 1(K-1) - contact 2(K-2) - contact 1 + 2

Switching sequence SS2: 0 - contact 1 - contact 1 + 2 - contact 2

Switching sequence SS3: 0 - contact 1 - contact 1 + 2

Switching sequence GS: 0 - contact 1 - 0 - contact 2

GR: Relay with alternating closing contacts.

**The LED** below the upper function rotary switch performs during the teach-in process according to the operating instructions. It shows control commands by short flickering during operation.

<b>FMS14</b>	RS485 bus actuator - Multifunction impulse switch with integrated relay function	EAN 4010312313725	<b>43,80 €/pc.</b>
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