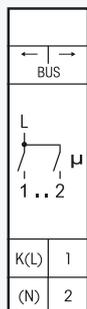


**FMS14**



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

Modular device for DIN-EN 60715 TH35 rail mounting.  
1 module = 18mm wide, 58mm 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 230V 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 16A for 230V.

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

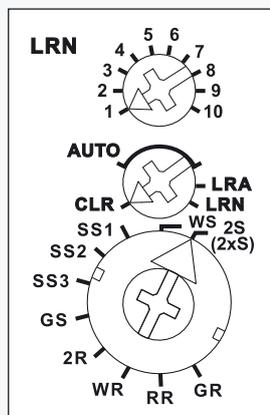
Switching sequence SS3: 0 - contact 1 - contact 1 + 2

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.

### Function rotary switches



Standard setting ex works.

Further settings can be made and actuators configured using the PC Tool PCT14.

Connection example page 1-44. Technical data, see page 1-46.  
Housing for operating instructions GBA14 page 1-42.

<b>FMS14</b>	RS485 bus actuator – Multifunction impulse switch with integrated relay function	EAN 4010312313725	<b>42,20 €/pc.</b>
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