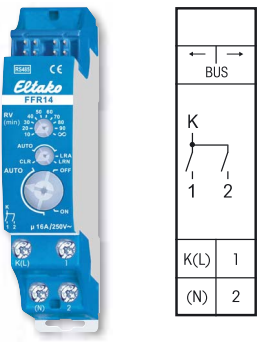
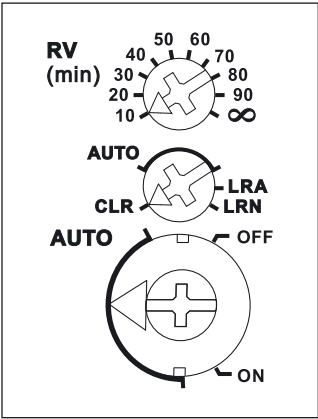


RS485 BUS ACTUATOR MAINS DISCONNECTION RELAY FFR14



Function rotary switches



Standard setting ex works.

Further settings can be made using the PC Tool PCT14.

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

FFR14



2-channel mains disconnection relay, 1+1 NO contacts potential free 16 A/250 V AC, incandescent lamps 2000 watts. Bidirectional. Only 0.1 watt standby loss.

Modular device for DIN-EN 60715 TH35 rail mounting.
1 modul = 18 mm wide, 58 mm deep.
Connection to the Eltako-RS485 bus. Bus cross wiring and power supply with jumper.
State-of-the-art hybrid technology combines advantages of nonwearing electronic control with high capacity of special relays.
The mains disconnection relay FFR14 interrupts the power supply of 1 or 2 circuits and prevents interfering electromagnetic fields.
To enable zero passage switching in patented Eltako Duplex technology, L must be connected to K(L) and N to (N). This results in an additional standby consumption of only 0.1 watt. N may not be connected if a contactor is switched downstream for the purpose of increasing performance.

When both relays of the FFR14 are switched on, 0.6 watts are required.
If supply voltage fails, the device is switched off in defined mode.
Maximum current as the sum of both contacts 16 A at 230 V.
This mains disconnection relay is switched in the circuit distributor downstream of the 16 A circuit breaker which protects up to two circuits in the room to be protected by mains disconnection. For example, one circuit for the lighting and one circuit for the socket outlets.
The circuits are enabled and disabled manually using one or several stationary wireless pushbuttons or hand-held wireless transmitters.
With the top rotary switch a time delay from 10 to 90 minutes can be set for the control with universal and direction pushbutton for contact 2. In position 4 without delay.
The middle rotary switch is required for teaching-in and is set to AUTO in normal mode.
With the lower rotary switch it will be switched on at ON and switched off at OFF. It is set to AUTO in normal mode.
If a wireless pushbutton rocker is assigned to 'central ON' for the mains disconnection relay and to 'ON' for the lighting, the mains disconnection relay is automatically cancelled when the lighting is switched on.
If a wireless pushbutton rocker, e.g. a bedside light, is assigned with 'OFF' for the lamp and 'central OFF' for the mains disconnection relay, the mains disconnection is automatically activated when the bedside lamp is switched off.
10 teach-in positions of the FFR14 plus the switch-off delay give the user plenty of scope to define the settings the mains disconnection relay.
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.

FFR14	RS485 bus actuator Mains disconnection relay	EAN 4010312313800	43,40 €/pc.
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