

FFR12-12V DC



-12V	+12V
RSA	RSB
K(L)	1
(N)	2

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

Modular device for DIN-EN 60715 TH35 rail mounting.
1 module = 18mm wide, 58mm deep.

**Connection to the Eltako RS485 bus, terminals RSA and RSB.
Up to a total of 128 actuators can be added in this way.**

State-of-the-art hybrid technology combines advantages of nonwearing electronic control with high capacity of special relays.

The mains disconnection relay FFR12-12V DC 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 normally be connected to K(L) and N to (N). N may not be connected if a contactor is switched downstream for the purpose of increasing performance.

The 12V DC supply voltage of the complete RS485 bus is mainly powered at 6W, 12W or 24W by a switch mode power supply unit SNT12-12V DC that is only 1 or 2 pitch units wide. When both relays of the FFR12 are switched on, 0.5 watts are required.

Maximum current as the sum of both contacts 16A at 230V.

This mains disconnection relay is switched in the circuit distributor downstream of the 16A 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 push-buttons or hand-held wireless transmitters. Contact L-2 can store a switch-off delay of 10 to 90 minutes.

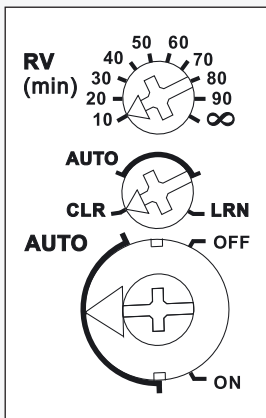
If a wireless pushbutton rocker is assigned to 'central ON' for the mains disconnection relay and to 'ON' for the lighting, the mains disconnection relay is automatically cancelled when the lighting is switched on.

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 FFR12 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 operation manual. It shows control commands by short flickering during operation.

Function rotary switches



Standard setting ex works.

Connection example page 4-0.
Technical data, see page T-0.
Housing for operating instructions
GBA12 page Z-4.

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RS485 bus switching actuator

EAN 4010312303214

43,40 €/pc.

Recommended retail prices excluding VAT.