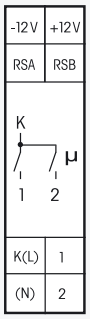
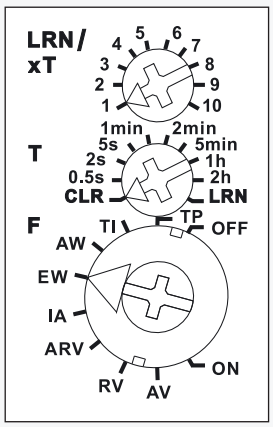
FMZ12-12 V DC

min | central ON OFF | DX | RS485



Function rotary switches



Standard setting ex works.

Switching actuator multifunction time relay with 10 functions, 1 CO contact potential free 10 A/250 V AC, incandescent lamps 2000 watts*, with DX technology. Only 0.3 watt standby loss.

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

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

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

Up to 35 switches are assignable, of which may be one or several central control switches. In addition, via a wireless antenna module FAM12-12 V DC wireless window/door contact (FTK) with a NO or NC function with the window open. If a direction switch is taught-in, a function (e.g. TI) can be started using the top switch (START) and stopped with the bottom switch (STOP).

Patented Eltako Duplex technology (DX) allows you to switch normally potential free contacts in zero passage switching when 230 V A/C voltage 50 Hz 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.

The 12 V DC supply voltage of the complete RS485 bus is mainly powered at 6 W, 12 W or 24 W by a switch mode power supply unit SNT12-12 V DC that is only 1 or 2 pitch units wide. When energised, each of the relays of the FMZ12 requires a power consumption of only 0.3 watt.

Time setting between 0.5 second and 20 hours.

Teach-in takes place **using the top and middle rotary switches** and then the time is set. T is the time base and xT the multiplier.

The function is selected **using the bottom rotary switch:**

RV = off delay
AV = operate delay
TI = clock generator starting with impulse
TP = clock gener ator starting with pause
IA = impulse controlled operate delay (e.g. automatic door opener)
EW = fleeting NO contact
AW = fleeting NC contact
ARV = operate and release delay
ON = Permanent ON
OFF = Permanent OFF

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.

* The maximum load can be used starting at a delay time or clock cycle of 5 minutes. The maximum load will be reduced for shorter times as follows: up to 2 seconds 15 %, up to 2 minutes 30 %, up to 5 minutes 60 %.

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

FMZ12-12V DC	RS485 bus switching actuator	EAN 4010312302866	**40,60 €/pc.**

Recommended retail prices excluding VAT.