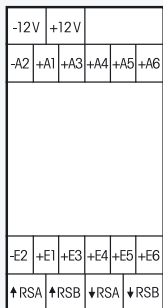


FTS12EM-UC



Pushbutton input module for the Eltako RS485 bus, 10 control inputs for universal control voltage. Only 0.3 watt standby loss.

Modular device for DIN-EN 60715 TH35 railmounting.
2 modules = 36mm wide, 58mm deep.

Connection to the Eltako RS485 bus, terminals RSA/RSB.

5 control inputs may be connected to different potentials since they are electrically isolated.
Control voltage 8 to 253V AC or 10 to 230V DC.

A 12V DC voltage is supplied from a switching power supply unit SNT12-12V DC which has a width of only 1 module.

One FAM12 wireless antenna module and up to 10 FTS12EM pushbutton input modules and timers FSU12D per FAM12 may be switched in series to the RS485 bus. The wireless antenna module FAM12 must then be connected **upstream** of the FTS12EM.

The rotary switch assigns a separate ID range to a maximum of 10 FTS12EM's.
1 = ID 1-10; 11 = ID 11-20; 21 = ID 21-30 etc.

An ID from the above listed range is assigned to each pushbutton during teach-in as specified in the user's manual for each actuator.

If two pushbuttons are defined as direction switch, the two pushbuttons must be taught-in as direction switches in an actuator. Control inputs are then defined in pairs for the direction 'ON', 'central ON', 'UP' and 'BRIGHTER' and control inputs 'OFF', 'central OFF', 'DOWN' and 'DARKER': A1/A3, A4/A5, A6/E6, E1/E3 and E4/E5.

- A1, A6 and E1 \triangleq wireless pushbutton right upper part
- A3, E3 and E6 \triangleq wireless pushbutton right bottom part
- A4 and E4 \triangleq wireless pushbutton left upper part
- A5 and E5 \triangleq wireless pushbutton left bottom part

From production week 30/2011 2 pushbuttons for light scenes with 4 light scenes each can be taught-in in the Eltako wireless system with this pushbutton input module.

The LED under the rotary switch flashes once if a connected pushbutton is operated.

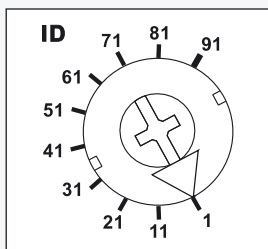
If the lines of the RS485 bus are longer than 2m, a terminal resistor of approx. 220 ohms must be connected **to the last actuator** under the terminal RSA/RSB.

Control current at 8/12/24V AC/DC: 2.5/4/9mA.

Control current at 230V AC/DC (< 5s): 5(100)mA.

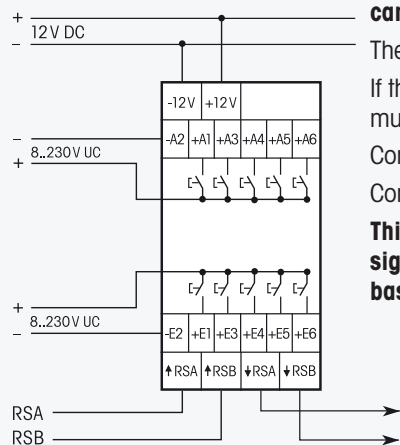
This pushbutton is not only used as a complement to the Eltako Wireless system to feed signals into the RS485 bus in addition to the wireless antenna module, but it is also the basic device for the remote switch system FTS12.

ID rotary switch



Standard setting ex works.

Typical connection



Possibly by a wireless antenna module FAM12

To other FTS12EMs or FSU12Ds and then to the RS485 bus actuators