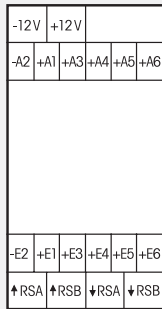


FTS12EM-UC



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 = 36 mm wide, 58 mm 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 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.

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

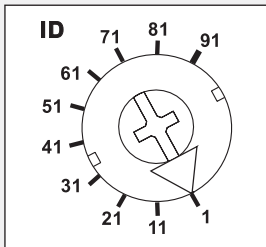
If the lines of the RS485 bus are longer than 2 m, a terminal resistor of approx. 220 ohms must be connected **to the last actuator** under the terminal RSA/RSB.

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

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

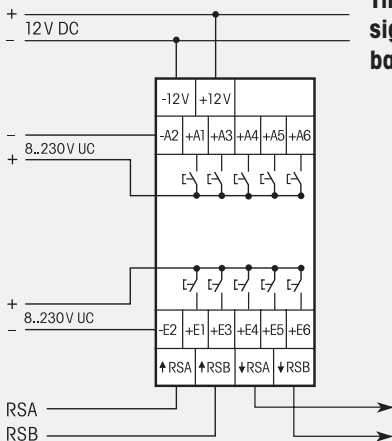
This pushbutton is not only used as a complement to the Eltako Wireless system to feed signals into the RS485 bus in addition to the wireless antenna module, but it is also the basic device for the remote switch system FTS12.

ID rotary switch



Standard setting ex works.

Typical connection



To further FTS12EM or FSU12D if required and then to all RS485 bus actuators.