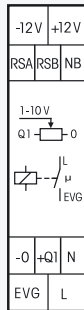


FLS12/1-10V



Dimming actuator 1 channel, 1 NO contact not potential free 600VA and 1-10V control output 40 mA. Only 0.9 watt standby loss. Stores up to 40 light scenes for a fluorescent lamp group with 1-10V ballasts. Also with light scene control by PC or wireless pushbuttons.

Modular device for DIN-EN 60715 TH35 rail mounting. 1 module = 18mm wide, 58mm deep. State-of-the-art hybrid technology combines advantages of nonwearing electronic control with high capacity of special relays.

Zero passage switching to protect contacts.

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. The power consumption of the 12V DC power supply is only 0.05W.

The brightness level is stored on switch-off (memory).

In case of a power failure the switch position and the brightness stage are stored and may be switched on when the power supply is restored.

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

Up to a total of 128 actuators can be added in this way.

By using a bistable relay coil power loss and heating is avoided even in the on mode.

After installation, wait for short automatic synchronisation before the switched consumer is connected to the mains.

Function of FLS12/1-10V

All FLS12s in a room can be switched in series to obtain light scenes. The brightness of each lamp group is manually adjustable and the entire light scene can then be taught-in. Up to 40 light scenes are programmable. Up to 10 light scenes are retrievable sequentially with only one pushbutton. Up to 30 additional light scenes are directly retrievable with single assigned pushbuttons.

Each FLS12 or FLS12 groups can also be switched and dimmed individually with direction switches. There are a total of 35 inputs on each FLS12 for light scene and individual pushbuttons. Retrieving a light scene overrides an individual setting.

A wireless transmitter module FSM12 or FSM61 appropriately taught-in via a wireless antenna module FAM12-12V DC has the same function as a light scene switch. Specific light scenes can then be retrieved with event-dependent or time-dependent control.

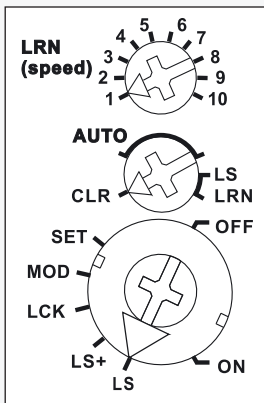
Motion detection with taught-in wireless motion detector FBH. The light switches off automatically after 15 minutes provided no more motion is detected.

Light scenes on the PC are set and retrieved using the Wireless Visualisation and Control Software FVS. One or several FLS12 devices must be taught in on the PC as dimming switches with percentage brightness values.

Lights scenes with wireless pushbuttons are taught in on the FLS12 device. Either four sequentially retrievable brightness values (press up = next light scene, press down = previous light scene) and/or up to four brightness values taught in a light scene pushbutton with double rocker.

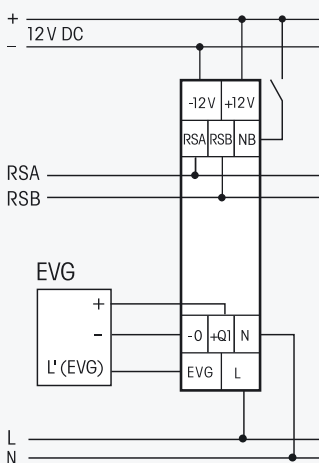
The LED below the upper function rotary switch performs during the teach-in process according to the operation manual. It shows control commands by short flickering during operation.

Function rotary switches



Standard setting ex works.

Typical connection



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

FLS12/1-10V

RS485 bus dimming actuator
 light scene controller

EAN 4010312301081

56,10 €/pc.