

FMSR14



Multifunction sensor relay with display and 5 channels (brightness, twilight, wind, rain and frost) for the Eltako RS485 bus. Only 0.1 watt standby loss.

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

Connection to the Eltako-RS485 bus. Bus cross wiring and power supply with jumper.

This multifunction sensor relay evaluates the wireless telegrams of the **wireless weather data transmitter module FWS61** and, dependent on the setting, issues switching commands directly to the RS485 bus and also to the wireless network in the display by means of the MODE and SET buttons. This also allows control over wireless actuators installed at decentralised positions. If only centrally installed actuators need to be addressed to control shading elements from the FWS61, it is sufficient to teach-in the FSB14s in these actuators using the PC Tool PCT14. An FMSR14 is then not required.

For the function of the sensor relay FMSR14 it is necessary that a device address is assigned from the wireless antenna module FAM14, according to the manual.

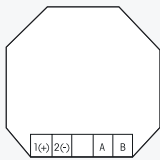
FMSR14

Multifunction sensor relay

EAN 4010312314111

55,70 €/pc.

FWS61-24 V DC



Wireless weather data transmitter module for the seven weather items sent by the multisensor MS. With internal antenna. Only 0.3 watt standby loss.

For installation. 45mm long, 45mm wide, 18mm deep.

Power (24V DC) is supplied by the switch mode power supply unit SNT61-230V/24V DC-0,25A (33mm deep, 45mm long, 45mm wide). This switching power supply unit simultaneously supplies the multisensor MS including the heating of the rain sensor.

It is possible to use a deep UP box for the two devices.

This weather data transmitter module receives the seven momentary readings of the weather items: brightness (from three cardinal points), twilight, wind, rain and ambient temperature by cable J-Y (ST) Y 2x2x0,8 from the multisensor MS attached to the outside of the building. The readings are sent in the form of wireless telegrams over the Eltako wireless network with the priorities listed below. Evaluation is carried out by the Wireless Building Visualisation and Control Software GFVS, the wireless multifunction sensor relay FMSR14, the actuators FSB14 and FSB71 as well as the wireless weather data display FWA65D.

When the supply voltage is applied, a teach-in telegram is sent immediately and two status telegrams containing the momentary values are sent approx. 60 seconds later. At least every 10 minutes, but also:

Brightness values West, South and East each from 0 to 99 kLux if a change of minimum 10% occurs.

Twilight values from 0 to 999 Lux if a change of minimum 10% occurs.

Wind speeds from 0 to 70m/s. From 4m/s to 16m/s, the momentary values are sent immediately 3 times at intervals of 1 second. After that, further value increases are sent within 20 seconds. Dropping wind speeds are sent progressively delayed by 20 seconds.

Rain values at the start are sent immediately 3 times. After the rain stops, a telegram is sent within 20 seconds.

Temperature values from -40.0°C to +80.0°C are sent every 10 minutes together with all the other values in a status telegram.

Monitoring multisensor function and line break. If the weather data message from multisensor MS is not sent for 5 seconds, the FWS61 immediately sends an alarm telegram which is repeated every 30 seconds. The alarm telegram can be taught-in as a switch telegram in an actuator to initiate further action as required. In addition, the two status telegrams containing the values brightness 0 Lux, twilight 0 Lux, temperature -40°C (frost), wind 70 m/s and rain are sent.

When a message is again detected from the multisensor MS, the alarm stops automatically.

FWS61-24V DC

Wireless weather data transmitter module

EAN 4010312301937

65,10 €/pc.

Multi sensor MS



The MS multi sensor sends the current weather details, including brightness (from three points of the compass), wind, rain and frost, to the weather data transmitter module FWS61 connected in series once per second. A standard telephone wire is sufficient as connecting lead: J-Y(ST)Y 2x2x0.8 or equivalent. 100m line length is permitted. Solid plastic housing, LxWxH = 118x96x77mm. Degree of protection IP44. Temperature at mounting location -30°C to +50°C. A power supply unit SNT61-230V/24V DC-0,25A is required for the power supply, including heating of the rain sensor. This simultaneously supplies the wireless weather data transmitter module FWS61-24V DC.

Multi sensor MS

EAN 4010312901731

246,60 €/pc.