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STR-W

Wind sensor with relay, surface-mounted enclosure

Index: STR-W

STR-W controller along with the external wind sensor is designed for monitoring of current wind speed. If the wind speed exceeds a given threshold value, the internal relay will switch on. Combined with STR-3 or STR-4 roller blind controllers it allows to build a system that closes window roller blinds or retracts awnings if the wind is too strong.



DESCRIPTION

Functioning

The controller operates in two modes:

Continuous

If the wind speed exceeds a given threshold value, the internal contact relay closes and remains closed for the entire duration of wind gusts. Combined with STR-3 and STR-4 roller blind controllers, the continuous mode ensures closing of roller blinds at a time of strong wind and locks them in closed position until the wind ceases.

Pulse

If the wind speed exceeds a given threshold value, the internal contact relay closes for approx. 1.5 second, passing to the roller blind controllers a single command of closing. Combined with STR-3 and STR-4 roller blind controllers, the pulse mode ensures closing of roller blinds at the time of strong wind, but then the user has the ability to raise the roller blinds at any time. The range of wind speed alert is regulated smoothly from 20 km/h (position D) to 70 km/h (position C).

TECHNICAL DATA

Model	Wind sensor
Nominal voltage	230 V
Frequency	50-50 Hz
Rated current	2 A
Wind velocity value adjustable	5-9 Bft
Opis długi	Functioning The controller operates in two modes: Continuous If the wind speed exceeds a given threshold value, the internal contact relay closes and remains closed for the entire duration of wind gusts. Combined with STR-3 and STR-4 roller blind controllers, the continuous mode ensures closing of roller blinds at a time of strong wind and locks them in closed position until the wind ceases. Pulse If the wind speed exceeds a given threshold value, the internal contact relay closes for approx. 1.5 second, passing to the roller blind controllers a single command of closing. Combined with STR-3 and STR-4 roller blind controllers, the pulse mode ensures closing of roller blinds at the time of strong wind, but then the user has the ability to raise the roller blinds at any time. The range of wind speed alert is regulated smoothly from 20 km/h (position D) to 70 km/h (position C). null
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Manual

CE declaration

Certificate