ZAMEL

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FLUSH ROLLER BLIND CONTROLLER
SRP-22

Flush roller blind controller SRP-22 is designed to control window roller blinds or other devices driven by 230 V AC one-phase motors. The control can be carried out either wired, by means of transmitters or the EXTA LIFE controller or wireless by means of debouncing roller blind push buttons. Single and double roller blind push-buttons can be applied in both cases. Due to the two-way communication between a receiver and a controller, the current roller blind mode is shown in the mobile application. A larger number of transmitters can be added to a receiver which, in turns, enables an independent control from several places.

230 V AC; 50 Hz; IP20
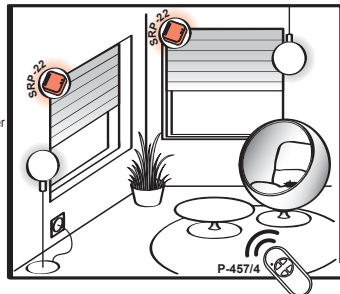**Net weight: 0,04 kg**
ETSI EN 300 220-1
ETSI EN 300 220-2

SCAN

the technical data

- control of window roller blinds or other devices by means of single-phase 230 V AC motors,
- two-way transmission – current roller blind position indicated in the mobile application,
- maximum load: 350 W (2 A) - class AC-3,
- local and central control functions,
- connection possibility of a single or double roller blind push-button,
- programmable roller blind movement time,
- software update possibility

P-457/4

ZAMEL Sp. z o.o. declares that the device complies with principal requirements and other applicable rules of the 2014/53/UE Directive.

Registered design © ZAMEL

Made in Poland

PET

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- **wired and wireless local and central control,**
- **cooperates with EXTA LIFE system devices,**
- **operation range: up to 300 m in the open area**

868 MHz

300 m

SMART HOME

exta life

TECHNICAL DATA

Nominal supply voltage:	230 VAC
Nominal frequency:	50/60 Hz
Nominal power consumption:	0,45 W – standby
Transmission:	radio – ISM band 868 MHz
Transmission way:	two-way - 9600 bps
Coding:	algorithm based on 128-bit key, operation only in the range of EXTA LIFE system
Operating range:	up to 230 m in the open area
Optical signalling (transmission / programming):	yes – RGB LED
Number of paired buttons:	maximum 96 pairs
Information on current roller blind position:	yes – in the EXTA LIFE mobile application (% roller blind closure + icon)
Operating modes in cooperation with EXTA LIFE system transmitters:	local, central, 2 "favourite" settings
Operating modes in cooperation with EXTA LIFE controller:	open, stop, close, % position of roller blind closure by means of a slide, maximum 4 "favourite" settings
Number of external inputs:	2
Cooperation with roller blind push-buttons*:	only debouncing roller blind push-buttons, single or double push-buttons
Operating modes for external input:	local or central for local mode and double roller blind push-button, activation possibility of 2 "favourite" settings**
Roller blind movement time***:	programmed in the range from: 1 sec. ÷ 18 hrs.
Relay contact parameters:	2 x NO 5A / 250 V AC AC3 2500 VA (voltage contacts)
Maximum output load:	350 W (2 A) - AC3 class
Supported drives:	one-phase 230 V AC with limit and overvoltage switches
Number of terminal clamps:	6 (wires with cross-section up to 2,5 mm^2)
Casing mounting:	Ø60 mm junction box
Operating temperature range:	-10 do +55 °C
Protection degree:	IP20
Protection class:	II
Dimensions:	47,5 x 47,5 x 20 mm
Weight:	0,04 kg
Reference standards:	EN 60669, EN 60950, EN 61000 ETSI EN 300 220-1, ETSI EN 300 220-2

* switch type configured by means of the EXTA LIFE mobile application
** only one "favourite" setting is activated in case of a single push-button
*** closing and opening time is separately programmed

DEFAULT SETTINGS

Parameter	Default settings	Configuration possibilities
controller mode after power supply has been applied	• do not change roller blind position	• yes – mobile application
input types: IN1, IN2	• double debouncing roller blind push-buttons	• yes – mobile application • short circuit of IN1/IN2 inputs
IN1, IN2 input operation mode	• local control mode • IN1 – roller blind movement downward • IN2 – roller blind movement upward	• yes – mobile application
default roller blind movement time	• 120 s	• yes – mobile application • PROG push-button

REMOTE SOFTWARE UPDATE

• SRP-21 receiver is equipped with a built-in bootloader, which allows for a remote software change by means of the exta life application. Software update is possible only in case of receivers paired with a controller and can be realised only by an authorised user (an administrator). It is required to connect the exta life controller to the Internet to carry out the update.

• The current SRP-22 receiver software update is displayed in the "Configuration details" tab. The 'Update' push-button is backlit, in case there is a new software version. By pressing this push–button, information is sent to a controller, which enters the receiver into the software update mode (control and configuration of the receiver is not possible then). The latest software is sent to a receiver by means of a controller (it takes about 1 minute). If the update has been completed successfully, such a message is sent to a controller from a receiver and, additionally, is signalled in the mobile application.

• If, for any reason, the software update has not completed successfully, then the receiver is marked as 'a receiver with an update error' by the controller. This receiver does not have its original functionality any more. Then, if the "Configure" option for this receiver is selected by means of an application, there is an immediate change to the "Configuration details" screen with a backlit 'Update' field. Software update starts just after pressing this button.