



Performance features | EK 893

- Attachment per meter panel or piggyback installation via snap-on technology
- Sturdy 3-point attachment
->If one catch breaks away, two additional ones ensure secure hold.
- RRCR can be equipped with up to 6 mechanical relays (25 A or 40 A)
- Optionally selectable cable cover
-> short or long cover

Advantages | Langmatz radio ripple control receiver

Mature technology

Langmatz has delivered more than 750,000 radio ripple control receivers in the last 15 years.

Lighting control

The power costs of street lighting can be optimised with the exact switching times, adapted to local circumstances.

Tariff switching for special contract customers

With the radio ripple control, you can also reach your customers in other network areas.

Load management

You can control the dispositive load management simply with the control program stored in the receiver and the possibility of changing it by radio command actively and precisely to the second.

Special switching

The radio ripple control can be individually programmed and implemented without any problems.

Technical data | EK 893



Designation	Radio ripple control receiver (RRCR) EK 893 receiver
Design	with permanently installed antenna and radio receiver
Housing colour	Grey, similar to RAL 7035
Protective class	II (double insulated)
Degree of protection	IP51
Mounting	according to DIN 43861 Part 2 for meter panel or piggyback installation via snap-on technology
Operating temperature	-20 to +60° Celsius
Radio transmission format	DIN 19244 FT 1.2
Decoding format	Semagyr Top or LIC-Versacom compatible with: DIN 43861-2-3
Parametrisation set	pre-parametrised or non-parametrised according to customer request
Parametrisation interface	optical
Interference resistance	EN 61037, EN 61000-4-2, -4-3, -4-4, -4-5, -4-8, -4-11, EN 50204
Emitted interference	EN 55022, EN 55014-1
Reception display	per LED, red and green (next to type plate)
Reception frequency	129.1 kHz, 139 kHz or 135.6 kHz
State display	per operating LED
Operational voltage	230 VAC or 115 VAC
Energy input	max. 2.5 VA
Wire diameter	max. 2x2.5 mm ²
Configuration	up to 6 plug-in relays
Switching voltage	250 V/50 Hz
Switching current	25 A per plug-in relay, optional 40 A
Wire diameter	2x2.5 mm ² per relay output

Technical data | Housing

- Material: Polycarbonate
- Colour: Grey, similar to RAL 7035
- Degree of protection: IP 51
- Protection class: II (double insulated)
- Dimensions:
 - Height: 106 mm
 - Width: 176 mm
 - Depth: 81 mm
- Cover: Sealable

