

# EK893

## radio ripple control receiver

### Performance features

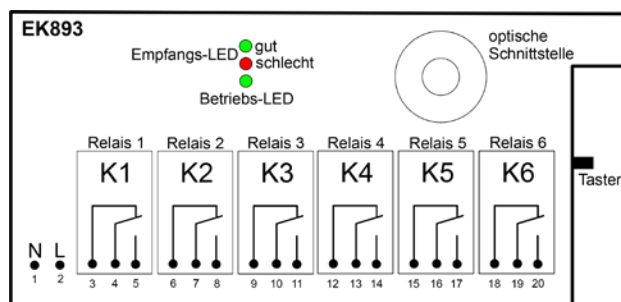
- ▲ Attachment by meter panel or piggyback installation using snap-on technology
- ▲ Sturdy 3-point attachment - If one catch breaks away, two additional ones ensure a secure hold
- ▲ RRCR can be equipped with up to 6 mechanical relays (25 A or 40 A)
- ▲ Optionally selectable cable cover - short or long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



▲ EK893 - radio ripple control receiver

### Advantages of the Langmatz radio ripple control receiver

- ▲ **Mature technology**
  - Langmatz has delivered more than 1,000,000 radio ripple control receivers in the last 20 years
- ▲ **Lighting control**
  - The power costs of street lighting can be optimised with exact switching times, adapted to local circumstances
- ▲ **Tariff switching for special contract customers**
  - You can also reach your customers in other network areas with the radio ripple control
- ▲ **Load management**
  - You can control your dispositive load management simply with the control program in the receiver and have the option of changing it by radio command actively and precisely to the second
- ▲ **Special switching**
  - The radio ripple control can be individually programmed and implemented with ease



▲ EK893 - radio ripple control receiver, circuit diagram

## Technical data - EK893 radio ripple control receiver

<b>Designation</b>	EK893 radio ripple control receiver (RRCR)
<b>Version</b>	With permanently installed antenna and radio receiver
<b>Housing colour</b>	RAL 7035 (similar to grey)
<b>Protection class</b>	II (double-insulated)
<b>Protection rating</b>	IP 51
<b>Mounting</b>	According to DIN 43861 Part 2 for meter panel or piggyback installation using snap-on technology
<b>Operating temperature</b>	-20 to +60° Celsius
<b>Radio transmission format</b>	DIN 19244 FT 1.2
<b>Decoding format</b>	LIC-Versacom compatible with DIN 43861-2-3 or Semagyr Top compatible with DIN 43861-3-2
<b>Parametrisation set</b>	Versacom
<b>Parametrisation interface</b>	Optical
<b>Interference resistance</b>	EN 61037, EN 61000-4-2, -4-3, -4-4, -4-5, -4-8, -4-11, EN 50204
<b>Interference emission</b>	EN 55022, EN 55014-1
<b>Reception display</b>	LEDs, red and green (next to type plate)
<b>Reception frequency</b>	129.1 kHz, 139 kHz or 135.6 kHz
<b>Status display</b>	By operating LED
<b>Operating voltage</b>	230 V AC
<b>Power consumption</b>	Max. 2.5 VA
<b>Wire diameter</b>	Max. 2x 2.5 mm <sup>2</sup>
<b>Configuration</b>	Up to 6 plug-in relays
<b>Switching voltage</b>	250 V/50 Hz
<b>Switching current</b>	25 A per plug-in relay, optional 40 A
<b>Wire diameter</b>	2 x 2.5 mm <sup>2</sup> per relay output

## Technical data - housing

<b>Material</b>	Polycarbonate
<b>Colour</b>	RAL 7035 (similar to grey)
<b>Protection rating</b>	IP 51
<b>Protection class</b>	II (double-insulated)
<b>Dimensions</b>	Height: 106 mm Width: 176 mm Depth: 81 mm
<b>Cover</b>	Sealable

