

Performance features | EK 794

- Attachment using top hat rail assembly
- RRC, can be equipped with up to 3 electronic "load" relays (100 mA)
- Normed interface for tariff switching at the eHz (SML protocol)
- Operation exclusively with remote antenna

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.



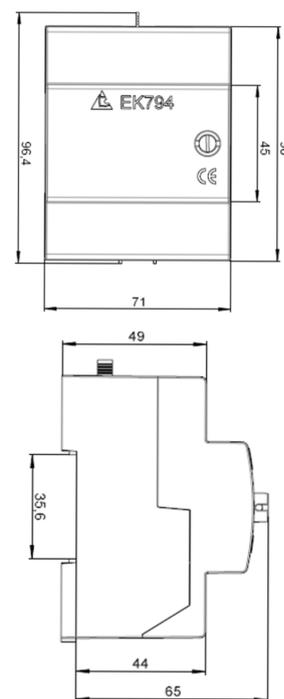
EK 794 technical data



Designation	Radio ripple control receiver (RRCR) EK 794 receiver
Housing colour	Grey, similar to RAL 7035
Protective class	II (double insulated)
Degree of protection	IP54
Mounting	3-point attachment or top hat rail per adaptation (optional)
Operating temperature	-20 to +60° Celsius
Radio transmission format	DIN 19244 FT 1.2
Decoding format	LIC Versacom compatible with DIN 43861-2-3 or Semagyr Top compatible with: DIN 43861-2-3
Parametrisation set	pre-parametrised or non-parametrised according to customer request
Parametrisation interface	optical according to IEC 1107
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 on receiver
State display	per operating LED
Operational voltage	230 VAC or 115 VAC
Energy input	<2 VA
Wire diameter	6 x 2.5 mm ²
Configuration	3 electronic relays with 100 mA switching capacity each
Switching voltage	250 V/50 Hz
Switching current	100 mA per relay (up to 40° Celsius, otherwise 80 mA)

Technical data | Housing

- Material: Polycarbonate
- Colour: Grey, similar to RAL 7035
- Degree of protection: IP 54
- Protection class: II (double insulated)
- Dimensions:
 - Height: 90 mm
 - Width: 71 mm
 - Depth: 65 mm
- Cover: Sealable



Right to technical changes reserved | As of 02-2015