

RLK-3

three-phase control lamps

RLK-3G



RLK-3R



RLK-3K



NEW

- Self-operating control lamps (optic signaling of AC voltage presence in 3-phase network - 3(N)~ 400/230 V via lighting of three non-replaceable LEDs)
- Cover - modular, width 17,5 mm
- Direct mounting on 35 mm rail mount acc. to EN 60715
- Applications: in low-voltage systems
- Compliance with standards: EN 62094-1, EN 61000-4-2,3,4,5,6,11
- Recognitions, certifications, directives:

Input circuit

Supply voltage	50/60 Hz AC	3(N)~ 400/230 V	terminals (N) – L1-L2-L3
Operating range of supply voltage		0,85...1,1 U _n	
Rated power consumption	DC	≤ 1,1 W	
Rated current consumption		1,7 mA	
Range of supply frequency	AC	48...63 Hz	
Control circuit	• LED indicator	three LEDs L1, L2, L3 ON - indication of supply voltage U _n : RLK-3G: green RLK-3R: red RLK-3K: red, yellow, green	

Insulation according to EN 60664-1

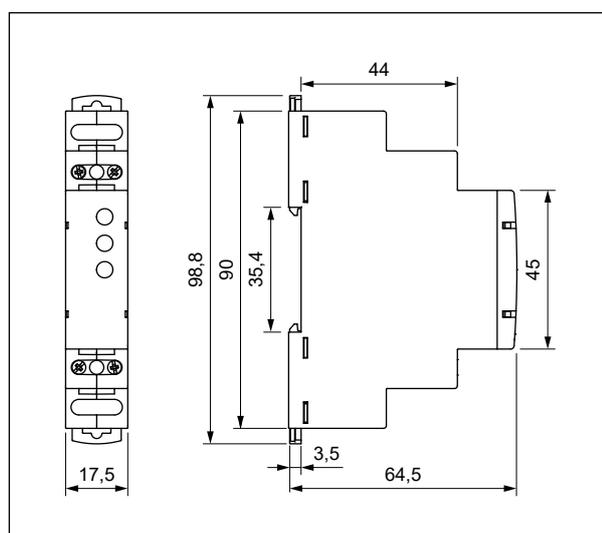
Insulation rated voltage	400 V AC		
Rated surge voltage			
• input	1 000 V	EN 61000-4-5	
• 35 mm rail - terminals	4 000 V	1,2 / 50 μs	
Protection class	II		
Overvoltage category	II		
Insulation pollution degree	2		
Flammability class	cover: V-0	face panel: V-2	UL94
Dielectric strength			
• 35 mm rail - terminals	4 000 V AC		

General data

Dimensions (L x W x H)	90 [⌀] x 17,5 x 64,5 mm		
Weight	38 g		
Ambient temperature	• storage	-40...+70 °C	
(non-condensation and/or icing)	• operating	-20...+55 °C	
Cover protection category	IP 20	EN 60529	

- ❶ With the use of light elements (three LEDs located in the center of the face panel), any phase decay is promptly recognizable. The signals of the LEDs are well visible even at strong light, and their brightness depends on the current value of the supply voltage.
- ❷ Length with 35 mm rail taps: 98,8 mm.

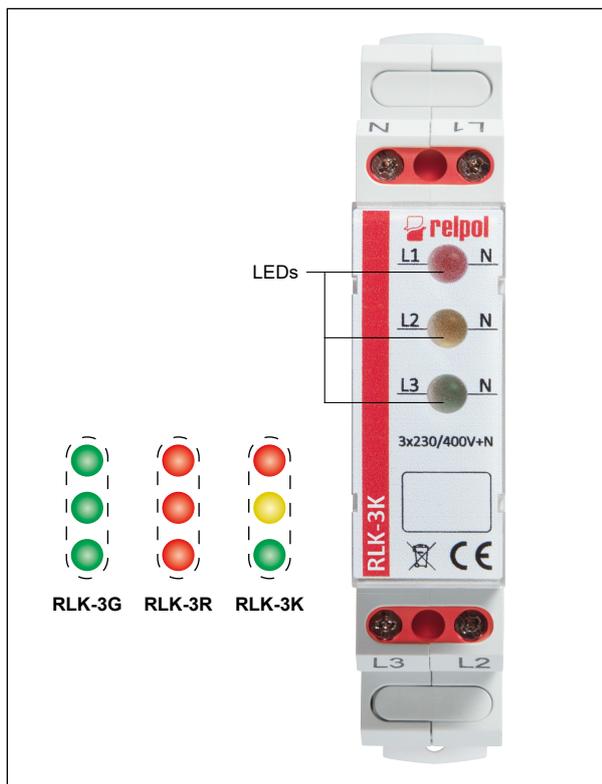
Dimensions



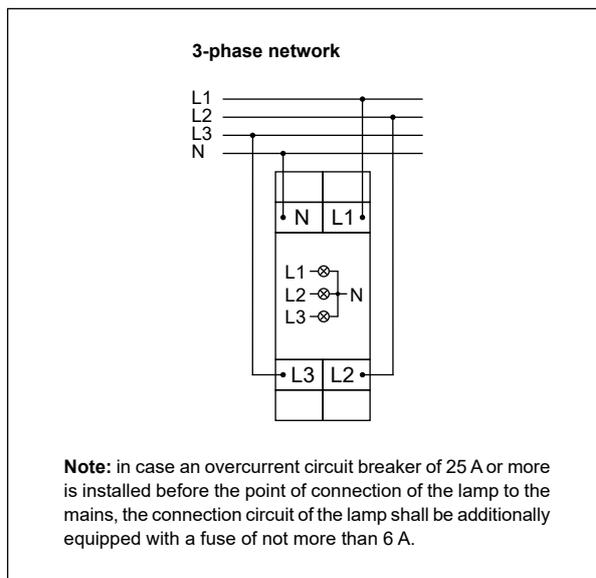
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Front panel description



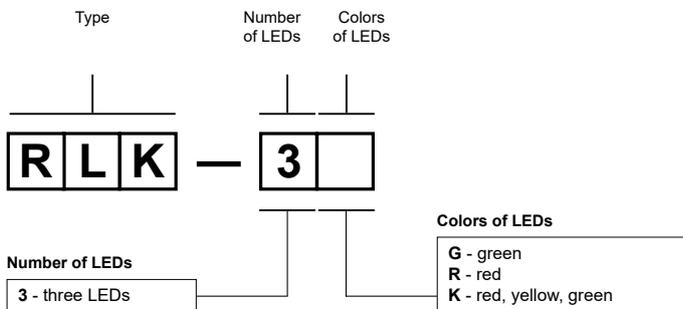
Connection diagram



Mounting

Lamps **RLK-3** are designed for direct mounting on 35 mm rail mount acc. to EN 60715. Operational position - any. **Connections:** max. cross section of the cables: 1 x 2,5 mm² / 2 x 1,5 mm² (1 x 14 / 2 x 16 AWG), length of the cable deinsulation: 6,5 mm, max. tightening moment for the terminal (universal screw - cross-recessed or slotted head): 0,6 Nm.

Ordering codes



Examples of ordering codes:

- RLK-3G** control lamp **RLK-3G** with three green LEDs, supply voltage 130...260 V AC/DC AC: 50/60 Hz
- RLK-3R** control lamp **RLK-3R** with three red LEDs, supply voltage 130...260 V AC/DC AC: 50/60 Hz
- RLK-3K** control lamp **RLK-3K** with three LEDs - red, yellow and green, supply voltage 130...260 V AC/DC AC: 50/60 Hz



Two taps: easy assembly on 35 mm rail, firm tapping (top and bottom).

PRECAUTIONS:

1. Ensure that the parameters of the product described in its specification provide a safety margin for the appropriate operation of the device or system and never use the product in circumstances which exceed the parameters of the product. 2. Never touch any live parts of the device. 3. Ensure that the product has been connected correctly. An incorrect connection may cause malfunction, excessive heating or risk of fire. 4. In case of any risk of any serious material loss or death or injuries of humans or animals, the devices or systems shall be designed so to equip them with double safety system to guarantee their reliable operation.