

# Signal lamps

[www.repol.com.pl](http://www.repol.com.pl) 03/2017



 **repol**® S.A.



► single-phase control lamps – modular covers

# RLK-1.

PN-EN 62094-1, PN-EN 61000-4-2,3,4,5,6,11, CE

**NEW**



applications:  
in low-voltage systems

- ① Self-operating control lamps – optic signaling of AC/DC voltage presence in single-phase network (lighting of one non-replaceable LED in the center of the face panel)
- ② In the bracket the length with 35 mm rail taps is shown

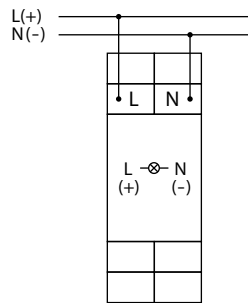
	RLK-1G	RLK-1R	RLK-1Y
Indicator (colors of LEDs) ①	1x green	1x red	1x yellow
Supply voltage AC/DC	AC: 50/60 Hz: 130...260 V		
Rated power consumption	DC: ≤ 0,7 W		
Ambient temperature	operating: -20...+55 °C		
Dimensions mm	90(98,8) x 17,5 x 64,5 ②		
Terminals	screw terminals		



## connection diagram

Single-phase network ②

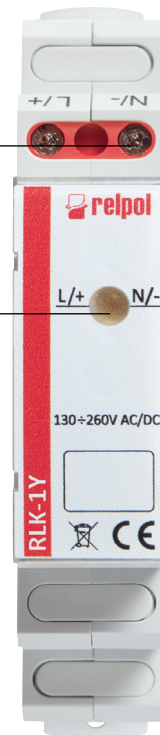
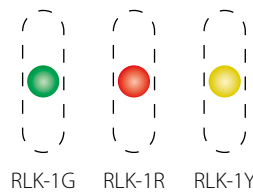
- ① In case an overcurrent circuit breaker of 25 A or more is installed before the point of connection of the lamp to the mains, the connection circuit of the lamp shall be additionally equipped with a fuse of not more than 6 A.



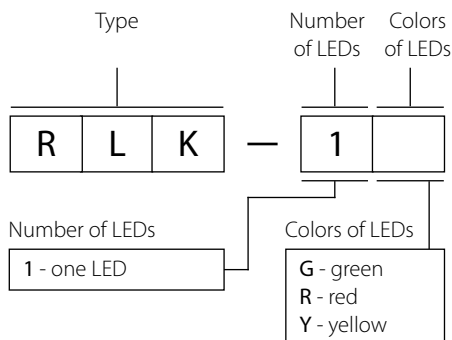
## single-phase lamps description

Supply terminals (+)L – (-)N  
- universal screws (cross-recessed or slotted head)

One LED  
L ON  
- indication of supply voltage U



## ordering codes



► three-phase control lamps – modular covers

# RLK-3.

PN-EN 62094-1, PN-EN 61000-4-2,3,4,5,6,11, **CE**

**NEW**



applications:  
in low-voltage systems

- ② Self-operating control lamps – optic signaling of AC voltage presence in three-phase network - 3(N)- 400/230 V (lighting of three non-replaceable LEDs in the center of the face panel)
- ③ In the bracket the length with 35 mm rail taps is shown

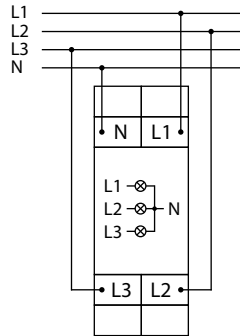
	RLK-3G	RLK-3R	RLK-3K
Indicator (colors of LEDs) ②	3x green	3x red	red, yellow, green
Supply voltage	AC	50/60 Hz: 3(N)- 400/230 V	
Rated power consumption	DC: ≤ 1,1 W		
Ambient temperature	operating: -20...+55 °C		
Dimensions	mm	90(98,8) x 17,5 x 64,5 ③	
Terminals	screw terminals		



## connection diagram

Three-phase network ④

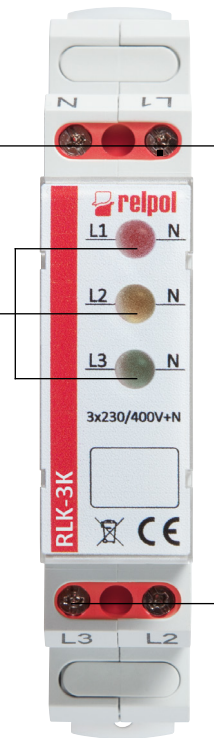
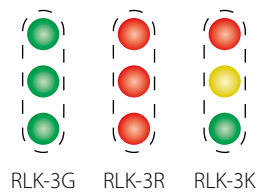
④ In case an overcurrent circuit breaker of 25 A or more is installed before the point of connection of the lamp to the mains, the connection circuit of the lamp shall be additionally equipped with a fuse of not more than 6 A.



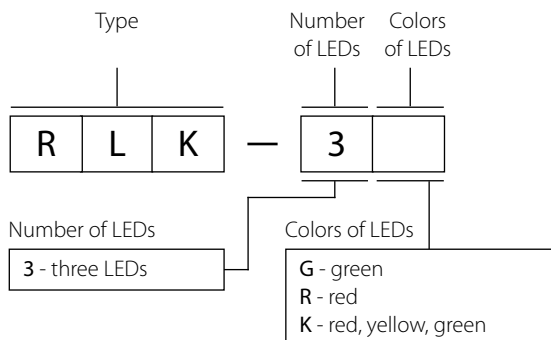
## three-phase lamps description

Supply terminals (N) – L1-L2-L3  
- universal screws (cross-recessed or slotted head)

Three LEDs L1, L2, L3 ON  
- indication of supply voltage U



## ordering codes



## The offer of Relpol S.A. includes the following products:

### subminiature signal relays

rated switching capacity: from 0,5 A to 3 A, coil voltage range: from 3 V to 48 V DC

### miniature relays

rated switching capacity: from 5 A to 20 A

### industrial relays

rated switching capacity: from 5 A to 48 A, mounting: to plug-in sockets on 35 mm rail mount acc. to PN-EN 60715 or on panel mounting, for PCB

### interface relays

rated switching capacity: from 0,05 A to 16 A, number of contacts: from 1 to 4

### programmable relays

versions: 8 inputs / 4 outputs, 16 inputs / 8 outputs, with LCD display, without display, supply voltages: 12, 24, 220 V DC, 230 V AC, programming: LAD, STL, LED indicators of the relay and input / output status

### time relays

single- and multifunction time relays, wide range of time adjustments

### monitoring relays

monitoring of current, voltage, temperature

### relays for railroad industry

for rail-vehicles and railroad tractions, rated switching capacity: from 6 A to 16 A, number of contacts: from 1 to 4

### plug-in sockets for relays

for PCB, for 35 mm rail mount acc. to PN-EN 60715 or on panel mounting

### installation contactors

rated switching power: from 2,2 kW to 15 kW (at 400 V AC3)

### control lamps

single-phase 130...260 V AC/DC (one LED), three-phase 3(N)~ 400/230 V AC (three LEDs)

### power supplies

for automation systems, output circuit: 12, 24 V DC, rated currents: from 0,42 A to 20 A

### overvoltage arresters

classes I, II and III, available with changeover signal contact

### solid state relays

rated load currents: from 1 A to 100 A, switching at zero or at any time

### protection relays CZIP®-PRO

digital protection, automation, measurement, control and communication system for MV switchgears

### systems SMP

radiation portal monitors



Due to the permanent development policy, Relpol S.A. reserves the right to introduce changes of data and characteristics of the products. The devices shall be operated by skilled personnel in accordance with the regulations in force pertaining to electrical systems. The technical data are of informational nature. Thus, Relpol S.A. does not accept any liability for inappropriate use of the presented products.

#### 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.

#### Export Sales Department

Phone +48 68 47 90 832, 951

Fax +48 68 47 90 837

e-mail: [export@relpol.com.pl](mailto:export@relpol.com.pl)

#### Marketing Department

e-mail: [marketing@relpol.com.pl](mailto:marketing@relpol.com.pl)

RELPOL S.A.

ul. 11 Listopada 37

68-200 Żary, Poland

e-mail: [relpol@relpol.com.pl](mailto:relpol@relpol.com.pl)

[www.relpol.com.pl](http://www.relpol.com.pl)

