



F&F Filipowski L.P.  
Konstantynowska 79/81, 95-200 Pabianice, POLAND  
phone/fax (+48 42) 215 23 83 / (+48 42) 227 09 71  
www.fif.com.pl; e-mail: biuro@fif.com.pl

## LK-BZ-3 G

Signal light



5190243116728921

**Do not dispose of this device in the trash along with other waste!** According to the Law on Waste, electro coming from households free of charge and can give any amount to up to that end point of collection, as well as to store the occasion of the purchase of new equipment (in accordance with the principle of old-for-new, regardless of brand). Electro thrown in the trash or abandoned in nature, pose a threat to the environment and human health.



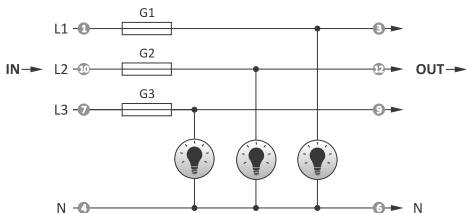
### Purpose

The LK-BZ-3 signal light is designed for an optical indication of voltage in individual phases of a three-phase network. The signal lights are protected by fuses connected in series, which allows to avoid the use of an additional module with protections and, as a result, saves space in the switchgear. The other end of the fuse is led out to the connector of the device housing, which makes it also possible to use it to protect other parts of the circuit.

### Functioning

The presence of a voltage behind the fuse is indicated by the corresponding LED incorporated in the circuit of this phase. In case of a phase voltage loss or burnout of the fuse-link, the signal light is off, indicating that there is no voltage.

## Internal diagram



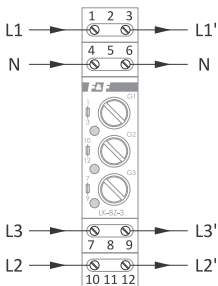
## Installation

1. Check the phase sequence.
2. Turn off the power supply.
3. Fix the unit on a rail in the control box.
4. Connect the circuit according to the diagram.
5. Install the fuse-links in the holders.
6. Turn on the power supply.

## Product lists

Type	LED color
LK-BZ-3 G	3× green
LK-BZ-3 K	red-yellow-green

## Wiring diagram



The fuse links for the LK-BZ-3 signal lights are sold separately.

## Technical data

power supply	3×230 V+N
rated current (the signal light is on)	1.7 mA/phase
power consumption (the signal light is on)	0.2 W/phase
indication of the correctness of power supply	3×LED (green-green-green)
fuse	ø5×20 mm fuse link
maximum disconnection voltage	250 V
maximum fuse current	6.3 A
working temperature	-25÷50°C
terminal	2.5 mm <sup>2</sup> screw terminals
tightening torque	0.4 Nm
dimensions	1 module (18 mm)
mounting	on TH-35 rail
ingress protection	IP20

## Warranty

F&F products are covered by a 24-month warranty from the date of purchase. The warranty is only valid with proof of purchase. Contact your dealer or contact us directly.

## CE declaration

F&F Filipowski L.P. declares that the device is in conformity with the essential requirements of The Low Voltage Directive (LVD) 2014/35/EU and the Electromagnetic Compatibility (EMC) Directive 2014/30/UE.

The CE Declaration of Conformity, along with the references to the standards in relation to which conformity is declared, can be found [www.fif.com.pl](http://www.fif.com.pl) on the product subpage.