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LK-BZ-703K

Indicator lamp
(red-yellow-green)



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-703 indicator lamp is used for optical signalling of voltage presence in individual phases of a 3-phase network. The small size of the housing (width 6.2 mm) saves space in the switchgear. Each indicator is protected by a built-in fuse, which eliminates the need for an additional protection module.

Functioning

The presence of voltage on a phase is indicated by the illumination corresponding of an LED connected to the circuit of that phase. If it is not light, this indicates that there is no supply voltage or that the built-in fuse link is faulty.

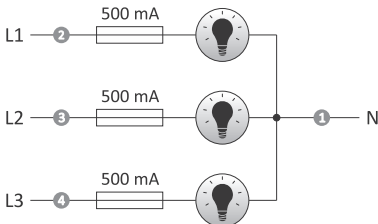


The lamp's built-in fast fuses eliminates the need for additional protection when the lamp is in a circuit with a current limitation of less than 100 A.



The indicator lamp is only an additional signalling element and is not a measuring device. It is not possible to determine the actual state of voltage on the supply line from its indications. Before carrying out any work, always check the voltage on the supply line with a suitable measuring device.

Internal diagram



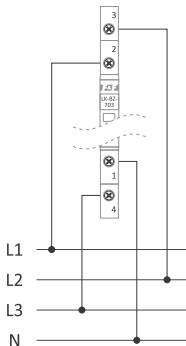
Mounting

1. Check the phase sequence.
2. Disconnect the power supply.
3. Fix the device on the rail.
4. Connect according to the diagram.
5. Switch on the power supply.
6. Check for correct operation.

Product overview

Type	Color LED
LK-BZ-703K	red-yellow-green
LK-BZ-703B	3× blue
LK-BZ-703G	3× green
LK-BZ-703R	3× red
LK-BZ-703Y	3× yellow

Wiring diagram



Technical data

power supply	3×230 V+N
rated current (LED light on)	<1 mA/channel
power consumption	<0.15 W/channel
fuse	
rated current	500 mA/channel
deactivation capacity	100 A @250 V AC
fuse type	rapid fuse
power indication	3× LED (red-yellow-green)
working temperature	-30÷50°C
terminal	2.5 mm ² screw terminals
tightening torque	0.4 Nm
dimensions	1/3 module (6.2 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 at www.fif.com.pl from the product subpage.

Fuse time-current characteristics

