

Usage Manual






LED Indicator

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Thank you for choosing EKLD Seris indicator light.
Please read this manual before installation, operation and maintenance.

STANDARD AND QUALITY CERTIFICATES

IEC/EN60947-5-1   

Technical Data

Application

EKLD series indicator light are used in the telecommunication and electrical circuit of AC 50Hz or 60Hz, rated working voltage 380V and below DC working voltage 220V or below for indicator signal, accident signal, fault signal and other indicator signals, they meet with the standard: IEC60947-5-1.

Structure and Function

EKLD series indicator lights adopt LED lamp with the characteristic of long life and low energy consumption, its concealed terminal is both safe and creditable. The special locking nut structure makes the installation available in the dimension of

EKLD-22: ϕ 22.5 mm to ϕ 25.5mm,

EKLD-16: ϕ 16.5 mm to ϕ 16.5mm.

Electric Schematic Diagram

	Normal type	Anti-interference type
AC/DC type signal indicator		
AC type signal indicator		
AC/DC type Double color lamp		
AC type Double color lamp		
Lamp Test Type		

Note:

1. The AC/DC type signal indicator is a resistance step-down type, and the AC type signal indicator is a capacitor step-down type.
2. When the voltage is 110V and above, the temperature of the shell of the AC/DC type signal indicator will be higher than that of the AC type signal indicator.

Operation temperature	-5℃~+40℃							
Power-frequency withstand voltage	2500V, min							
Operation humidity	45%~85%							
Installation degree	III							
Pollution degree	3							
Degree of protection	Ip65							
Rated operation voltage	Ue (V)	AC/ DC	AC/ DC	AC/ DC	AC/ DC	AC/ DC	AC/ DC	AC
		6.3	12	24	48	110	220	380
Rated operation current	Ie≤80mA	≤20mA						
Base colour	Green	Yellow		Red	Blue	White		
Electrical Life(h)	≥3000							
Brightness	≥60							



WARNING

1. Please use within the specified working environment temperature and humidity range.
2. Please do not use it in places subject to oil and water intrusion and dust accumulation.
3. The operating frequency of AC-type signal indicator is 50~60Hz. Using in other frequency range will damage the signal indicator.
4. The general threshold of the anti-interference signal indicator is below 40V. If you need a higher threshold, please specify it separately; it is recommended that the threshold is not too high. If the interference voltage is too high, please check the wiring.
5. The AC type two-color lamp does not allow wiring errors, otherwise the signal indicator will be damaged.
6. Try to avoid welding the finger line, use a universal plug (2.5×0.8mm) to connect, and put on a protective cover; if you need to solder, you must use an electric soldering iron below 30W to complete the soldering within 3 seconds, and do not apply external force to the terminal .

Installation Precautions

- 1.The installation sequence is to pass the operating part through the panel hole, tighten the nut and fix it.
- 2.Please use a special wrench when installing. The suitable firm torque is 0.8N·m.