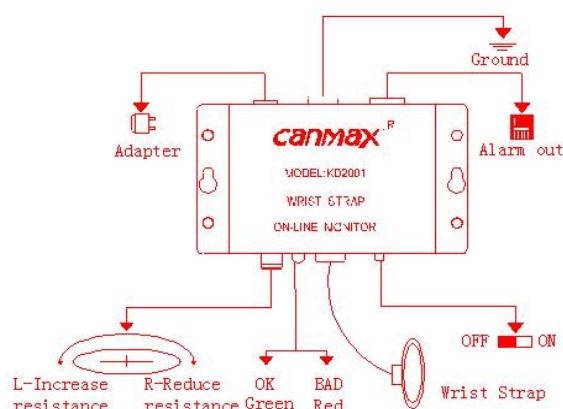


KD2001 Protective Type Wrist Strap Monitor

Description

KD2001 protective type wrist strap monitor is in use of monitoring single-loop work status. KD2001 can be used to provide electrostatic conductive channels and also can be used to warn the customers' wrist strap failure and unwell-grounding through audible and optical alarms.

KD2001 wrist strap monitor has mounted protection type tailgate on a wristband socket and switch panel, monitor switch is connected with a mobile baffle ; The wrist band can be inserted only in the open state of the monitor, and this could ensuring the the use of management of the wrist strap monitor effectively.



Features

- Provide electrostatic conductive channels;
- 1 set KD2001 can monitor a single- loop wrist strap grounding state;
- Monitoring Single-loop wrist strap;
- With remote alarm;
- Remind users the wrist strap failure or to judge poor grounding by sound, light, electricity alarm mode;
- Stainless steel enclosure could meet clean environment better;
- Good grounding protection of the instrument;

Specifications

Items	Specifications
Model	KD2001
Enclosure	Stainless steel
Use Scope	Single-loop wrist strap
Monitor Resistance	0.75M Ω ~10M Ω (Adjustable)
Static leakage time	<0.1s
Input current	15 mA
Input voltage	6V DC
Power Supply	220V AC 50Hz (Power)
Main function	Monitoring ground and wrist band status
Dimension	102(L) \times 58(W) \times 27(H)mm
Weight	169g

Function and features

In the electronics industry, electrostatic grounding to leak the charge is the basic means of ESD protection. Wrist strap products use this principle. In order to realize completely electrostatic release, the wrist strap must be well-worked and good grounded. The monitor is designed to test the wrist straps work condition and grounding status. When the wrist straps and grounding system(includes body resistance, contact resistance between body and wrist strap, wrist strap, wrist strap continuous monitor, ground lead) are accessed, wrist straps work condition can monitor by audible and optical alarm. When the wrist strap and grounding system connected, the work state of wrist strap can be monitored by audio and visual alarms, and give security of single-loop wrist strap reliable work.

1. Real-time monitoring function

Real-time monitoring could detect the on-off state of wrist strap, to avoid failed work or wrong wearing of wrist strap that static charge can not be leaked, thus avoid the ESD damage occurred on products.

2. Networking monitoring

External indication could combine 12 KD2001 alarms to the same network on the panel, this is convenient for centrally monitor and management of anti-static wrist straps, and help the personnel inspection, reduce the labor cost.

3. Performance guarantee

In order to ensure quality and customer interests, TA&A will conduct full inspection of KD2001 online monitor. And 48 hours aging test will be carried out on each KD2001 online monitor before shipment. After passed it'll be get on the power test of wrist strap.



Application

In the production and assembly process of HDD, semiconductors, FPD, LSI, electronic components, etc. For monitoring ground state of single-loop wrist production line staff.

Accessory

DC 6V power adapter, 1.

1.5M ground line 1.

Warranty

Quality guarantee time of the monitor is one year(since the date of delivery).