

Cautions in Using The Slide Potentiometers

使用滑动可变电阻器时的注意事项只有英语版。

General precautions

1. The appearance and some of the stated specifications may be changed without prior notice due to product improvements.
2. This catalog provides a general overview of specifications. Please ensure to exchange the official delivery specification document before use.
3. Regardless of the product's application, when using it in equipment that requires a high level of safety, the set manufacturer should ensure safety by incorporating protective circuits and redundant circuits, as well as verifying its safety.
4. Slide potentiometer cannot be cleaned. Cleaning may cause lubricant on the contacts and mechanical parts to wash away, leading to operational failures. Additionally, residual cleaning solution inside the slide potentiometer may result in contact failure, insulation failure, or voltage resistance issues.
5. To enhance reliability, please verify product quality under actual usage conditions.
6. If excessive load beyond the specified limit is applied during the operation of the slide potentiometer, it may cause damage. Please ensure that no force exceeding the specified load is applied to the slide potentiometer.
7. When soldering the slide potentiometer, ensure that the operating section is in the 'L' position.
8. After soldering, there is a risk of flux melting and entering the inside of the slide potentiometer. Therefore, do not wipe off the flux or other residues with a solvent.
9. The performance of the slide potentiometer may be affected under the following environmental conditions: exposure to corrosive gases such as Cl_2 , H_2S , NO_2 , SO_2 , and NH_3 ; residual water droplets; condensation-prone environments; water droplet adhesion; contact with water, salt water, oil, chemicals, and organic solvents; direct sunlight; and locations with excessive dust and particles.

Storage precautions

10. Store the slide potentiometer without unsealing the package, in an environment with a temperature range of -10°C to 60°C and a relative humidity of 25% to 75%, ensuring no condensation and avoiding direct sunlight. If stored for an extended period (approximately six months) in a high-temperature, high-humidity environment, oxidation of silver-plated terminals, the formation of a sulfide film leading to reduced solderability, and oxidation or rusting of metal components may occur. Once the package is opened, store it appropriately by sealing it in a polyethylene bag with proper moisture and gas protection measures.