

FR9010 Lightning protection standard resistor



I. Product Introduction

FR9010 standard resistor consists of 9 1/2W high-precision military-grade wirewound resistor series to form a four-wire standard resistor. Direct shifting does not need to change the line. It is convenient to carry and replace the traditional BZ3 and other single resistors to carry the problem of inconvenient switching of different resistors. The highest accuracy is 0.05%. It is a standard resistor specially customized by us. Its resistance value includes 1mΩ, 10mΩ, 100mΩ, 1Ω, 10Ω, 100Ω, 1KΩ, 10KΩ, 100KΩ. Fully meet the range of 10⁻³~10⁵ as stipulated in Order 31 of the 《Lightning Protection Device Inspection Qualification Management Measures》. It is mainly used for the calibration of grounding resistance tester, equipotential tester and other instruments.

II. Technical Specification

Function	Used for the calibration of instruments such as grounding resistance tester and equipotential tester
Range	1mΩ, 10mΩ, 100mΩ, 1Ω, 10Ω, 100Ω, 1KΩ, 10KΩ, 100KΩ
Accuracy	0.05%
Wiring method	Four-wire method
capacity factor	1/2W
Coefficient	±25ppm
Size	L/W/T: 187*119*48mm

Test line length	Red 0.5m, black 0.5m each 2PCS
Weight	550g
Working temperature and humidity	-10℃～40℃; below 70%rh
Storage temperature and humidity	-20℃～60℃; below 80%rh
Insulation resistance	More than 10MΩ(Between circuit and case500V)
Pressure resistance	AC 3700V/rms(Between circuit and case)
Suitable for Safety Regulations	IEC61010-1, CAT III 600V, Pollution Degree 2, JJG724-1991 "Direct Current Digital Ohmmeter Verification Procedure", JJG166-1993 "Direct Current Resistor Verification Regulation"

III. Accessories

Instrument bag	1PC
Standard resistor	1PC
Test line	4PCS (red, black each 2PCS)
Manual, certificate	1SET



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