

GD-DZX DC Decade Resistance Box



General Information

The GD-DZX DC resistor is a multi-value resistor consisting of a series-connected decimal plate for precision adjustment resistors in DC circuits. It is suitable for electrical and other experiments in factories, schools and research institutes.

Technical Specification

1. Minimum. resistor::0.1 Ω
2. Minimum step value: 0.001 Ω
3. Resistance value adjustment range: 0.1~1111.210 Ω .
4. The reference temperature and nominal temperature of the resistor shall comply with the following regulations:
 - Reference temperature: 20 \pm 0.5 $^{\circ}\text{C}$;

- Nominal temperature: 20 ± 5 °C.

5. The reference humidity and nominal humidity of the resistor shall comply with the following regulations:

- Reference relative humidity: 40% to 60%;
- Nominal relative humidity: 25% to 75%.

6. The reference power and nominal power of the resistor are specified in the table below.

Decimal plate (Ω)	×100	×10	×1	×0.1	×0.01	×0.00 1
Power	0.05W				0.005W	0.5m W
Nominal power	0.1W				0.01W	1mW

7. Temperature, relative humidity and power under the reference conditions, the accuracy of each decimal disc should meet the requirements of the table below.

Decimal plate(Ω)	×100	×10	×1	×0.1	×0.01	×0.00 1
Accuracy (%)	±0.01		±0.05	±0.5	±2	±5

8. The insulation resistance between circuit and panel is $\geq 500\text{M}\Omega$.

9. Between circuit and panel, can withstand a frequency of 50HZ, 2000V sine wave AC voltage, does not breakdown for 1 minute.

10. Dimensions: 280*200*120mm.

11. Weight: 1.5kg