



● Features

ZX21 rotary type resistance box is a more value resistor which is made up of by six switches, and each decade resistance is composed of by five resistance elements, it can switch any value in 0—9, The resistor can be in the range of 0—99999.9Ω, and can transform the minimum step of 0.1. Which has a small volume and convenient to use. ZX21 DC resistor accords with «Laboratory on DC resistor» of JB/T8225-1999 industrial standard.

● Applications

ZX21 DC resistor can be used for adjusting the resistance value in the DC circuit, which has low ohm value and is widely used in laboratory, school and used as measurement of electricity and other experiments for factory and R&D institution.

● Applications And Ratings

	Reference ranges	Nominal range	Ultimate range
Power	0.2W	0.3W	0.5W
Temperature(°C)	20+1.5	20+15	/
Humidity	40%-60%	25%-80%	/

Step panel(Ω)	×10000	×1000	×100	×10	×1	×0.1
Tolerance	±0.1%	±0.1%	±0.5%	±1%	±2%	±5%

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● Notice

- 1.The residual resistance of the resistance box: (30+10) mΩ.
- 2.The dielectric strength of the circuit and the case of the resistance box can pass the experiment of frequency of 50Hz 2000V/1min without breakdown.
- 3.The insulation resistance between the circuit and the case should be equal or more than 1000MΩ.
- 4.Size: 185mm×130mm×115mm, weight: ≤2Kg

● Ordering Information

Example:

ZX21	02	10R00	F
(1)	(2)	(3)	(4)
Series Name	Power	Resistance	Resistance Tolerance

(1)Series Name:ZX21

(2)Power:02=0.2W,03=0.3W

(3)Resistance:0R100=0.1Ω,0R220=0.22Ω,10R00=10Ω,1M000=1MΩ

(4)Resistance Tolerance: B(±0.1%),D(±0.5%),F(±1.0%),G=±2%,J=±5%