ZX21A DC Resistor Box

Features

ZX21A rotary type resistance box is a more value resistor which is made up of by six decimal switches in series, Resistance element connect on every contact of the switch, to get resistance value through changing the switch brush position, according to the resistance value, respectively from the two binding post on the terminal.
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. And can also used in the DC circuit which is not request precision.

Applications And Ratings

	Reference ranges	Nominal range	Ultimate range
Power	0.2W	0.3W	0.5W
Temperature(℃)	20+2	10—30	/
Humidity	40%-60%	25%-75%	/

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

1.Adjustable range: 0~111111.0Ω
2.The residual resistance of the resistance box: Ro=20mΩ ±10mΩ.
3.The circuit between the metal shell of the resistance box can pass the experiment of frequency of 40~60Hz and the actual sine wave ac voltage 2000V/1min without breakdown and there is no flashover.
4.The insulation resistance between the circuit and the case should be equal or more than 100MΩ.
5.Size: 200mm×135mm×75mm, weight: 2Kg

Notice

1.Before using, you should turn the knob from the starting point to end point several times, make the contact of the switch connect well.
2.Not allowed exceeding the nominal power when using.
3.Product should be in store in the environment of 5—35℃, relative humidity less than 80%, Indoor air should not contain corrosive gas and harmful substances, should not be direct sunlight.

Ordering Information

Example:

ZX21A	02	10R00	F
(1)	(2)	(3)	(4)
Series Name	Power	Resistance	Resistance Tolerance

(1)Series Name:ZX21A
(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%