湖北乾马机械设备有限公司

Hubei Upfoal Machinery Equipment Co.,Ltd

Product Specification

BC1滑动变阻器 BC1 sliding rheostat	文件编号 Document No.	HU-22/A04
	文件日期 Released Date	2018-12-20
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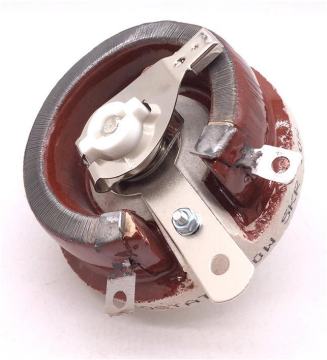

■产品特性 Feature:

- 采用旋臂式手动操作，电阻值可以调节。
  Rotary arm manual operation, resistance value adjustable.
- 自然冷却，表面被釉，耐潮湿，功率大，过载能力强，耐高温
  Natural cooling, glazed surface, humidity resistant, high power, high overload capacity, high temperature resistant

■产品引用范围 Application:

- –用于交流电压不超过380V的工业电气设备中
  for use in industrial electrical equipment with an AC voltage not exceeding 380V
- –用于电流调节
  for current regulation
- –用于交流和直流发电机电压调节
  for voltage regulation of AC and DC generators
- –用于直流电动机转速的调节
  for speed regulation of DC motors

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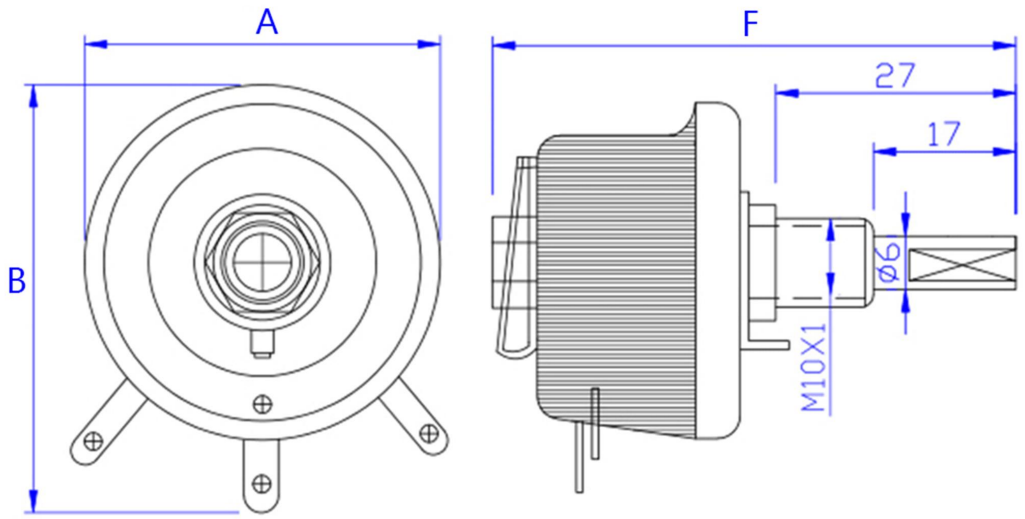
■产品尺寸 Type dimension:



Rated power	A	B	F
25W	44	50	60
50W	66	75	65
100W	84	102	65
150W	106	120	75
300W	158	170	110
500W	206	215	110

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■产品特性 Product performance:

inspection item	performance requirement	Experimental method
Temperature coefficient of resistance	≤±250（x10-6/℃）	-55℃/+20℃ 20℃/+125℃
Strength of leading-out end	R≤±（1%R+0.05Ω）	pulling force 20N
voltage withstand	No breakdown or arc	2500V DC，1 min
Weldability	The solder can flow freely and soak with the lead-out end.	235±5℃ 2±0.5S
Resistance to welding heat	△R≤（1%R+0.05Ω）	260±5℃ 10±1s
Short-term overload	△R≤（2%R+0.05Ω）	10 times the rated power,5S
rapid change in temperature	△R≤（1%R+0.05Ω）	-55℃/+125℃ 5 cycles
vibrate	△R≤（1%R+0.05Ω）	10-500Hz 98m/s2
Long term load	△R≤（2%R+0.05Ω）	-70±2℃ VR 1000h
incombustibility	Non-combustion	1-6 times the rated power, 5 minutes.
Variation of surface temperature	≤350℃	Apply rated power
Insulation resistance value	1000MΩ	1000V DC
Steady moist heat	△R≤（2%R+0.05Ω）	+40 2℃ humidity 95-98% for 240h.