



德力西电气有限公司

Product Specification

产品规格书

Model: DHAZL4020H12B

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SPECIFICATION 规格参数

1	Dimension 外形尺寸	40*40*20mm
2	Bearing System 轴承类别	Dual Ball bearing
3	Rated Voltage 额定电压	12 VDC
4	Operating Voltage 工作电压	6-13.2 VDC
5	Starting Voltage 启动电压	6 VDC
6	Input Current 输入电流	0.05 A
7	Input Power 输入功率	0.6 W
8	Speed 额定转速	7000±10% RPM
9	Label Current 标签电流	0.08 A
10	Air Flow (MAX) 风量 (最大)	8.24 CFM
11	Static Air Pressure (max) 风压 (最大)	5.2 mmH2O
12	Noise Level 噪音	32 dBA
13	Signal Output 信号输出	NO
14	Auto Restart 自动重启	YES
15	PWM Speed Control	NO
16	Life Expectance (L10) 预期寿命	70,000Hours / 25°C
17	Rotation 叶片转动方向	Counterclockwise:逆时针
18	Lead Wire 引出线规格	UL1007/26AWG *300mm
19	Housing 端子头	NO
20	Net Weight 净重	28g
21	Protection class 防护等级	NO
22	Polarity protection 极性保护	YES
23	Soft start 缓启动	NO

1. 外观尺寸(External dimensions)

1.1 参考附图样(Refer to drawing)

2. 特性规格(Characteristics)

2.1 运转温度: -20° C~70° C/66%(RH)

Operating temperature: -20° C~70° C/66%(RH)

2.2 储存温度: -30° C~70° C/66%(RH)

Storage temperature: -30° C~70° C/66%(RH)

2.3 绝缘耐压强度: 能承受得住在本体与两条电源线间加500V交流电压1秒5MA。

Dielectric strength: Must Withstand 500 VAC 1 second 5MA between housing



and both lead wires.

2.4 绝缘阻抗强度：在本体与两条电源线间加500V直流电压之绝缘阻抗10M。

Insulation resistance: Between housing and both lead wires at least 10M.

2.5 电源线抗拉强度：每条线以二公斤的拉力扯15秒，不会断裂。

Tension strength of lead wire not broken at 1 kg for 15sec per piece.

3.6 定义(Definition)

3.6.1 起动电压：是指当风扇突然通电后能够使风扇起动之最小电压。

Start voltage is the least voltage that Enable to start the fan by sudden power on.

3.6.2 电流与额定转速量测：在额定电压下连续运转3分钟后测量。

Current and rated speed shall be measured after 3 minutes continuous rotation at rated voltage.

3.7 保护功能(Protection)

3.7.1 风扇锁定测试：风扇锁定72小时，在解除锁定后仍能正常运转。

Fan locked test: Fan locked 72hrs, it remains to work normally after lock release.

3.7.2 反向电压测试：以额定电压作反向导电测试15分钟后，再正向导电仍可正常运转。

Reversal voltage test: Reversal voltage test at rated voltage for 15 minutes and all lead to fall running. But it became running normally again right after correcting voltage.



4. 主要材料/零件规格 (Main Materials/ parts Specification)

材料/零件 (Materials/ Parts)		材质规格 (Specification)	备注 Remark
4.1	外框 (Plastic Material)	a. 94-V0 b. P. B. T+15%GF Black	
4.2	扇叶 (Blade housing)	a. 94- V0 b. P. B. T+15%GF Black	
4.3	绝缘架 (Bobbin)	a. 94- V0 b. P. B. T+15%GF Black	
4.4	轴芯 (Stator core)	不锈钢 Stainless steel (SUS420J2)	
4.5	轴承 (Bearing)	滚珠轴承	
4.6	橡胶磁铁 (Rubber magnet)	铁锶粉末化合物 Strontium ferrite (BQB14W)	
4.7	矽钢片 (Silicon steel strip)	H50	
4.8	漆包线 (Enamelled copper wires)	MW-2UEW 耐热. 150°C	
4.9	印刷电路板 (Printed Circuit Board)	单层印刷电路板 94- V0 Wiring printed single layer board	
4.10	电源线 (Lead Wire)	线芯材质: 镀锡铜	
4.11	连接器 (Connector housing)		
4.12	贴纸 Label		

产品尺寸图

