

1. 产品图片示例 Product images example



2. 适用范围 Scope of application

本产品应用于光伏汇流箱、光伏组合器、逆变器、电池充电控制器、光伏电线电缆线束保护、化学能电池组件等的全面过载和短路保护。

This product is used for comprehensive overload and short circuit protection of photovoltaic combiner boxes, photovoltaic combiners, inverters, battery charging controllers, photovoltaic wire and cable harness protection, chemical energy battery components.

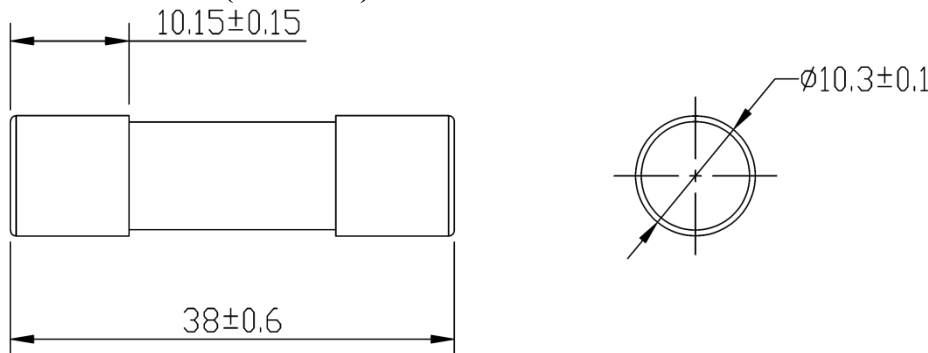
3. 相关标准及认证 Relevant Standards and Certification

3.1 执行标准 Standard: UL248-1 UL248-19 IEC60269-1 IEC60269-6

3.2 认证 Certification: cULus

产品编号 Part Number	额定电流 Ampere Rating	额定电压 Voltage Rating	分段能力 Breaking Capacity	认证 UL
PHV2250M	25A	1000Vdc	10kA	●

4. 结构及尺寸 Structure and Size (unit: mm)



5. 原材料明细 Material Details

编号 No.	零件名称 Part Name	材质 Material
1	内帽 End cap	铜镀锡 Tin plated brass
2	外帽 Outer cap	铜镀锡 Tin plated brass
3	陶瓷管 Ceramic Tube	陶瓷 Ceramic
4	熔体 Fuse element	银片 Silver
5	填充物 Filling	硅砂 SiO ₂

6. 标示 Marking

保险丝应有下列标示: The fuse shall have the following marking:

良胜标志+良胜型号+额定电流+额定电压+认证符号 cULus

Lanson's logo +Model+ Ampere rating + Voltage rating+Approved Symbol



PHV

25A

1000Vdc



7. 产品编号规则 Product numbering rules



8. 外观 Appearance

8.1 外观不应有显著的污点、裂纹。

There shall not be any remarkable stain, rust or crack on the appearances.

8.2 标示应该很容易辨识。

Marking shall be easily legible.

9. 电气特性 Electrical characteristics

9.1 实验条件 Test conditions

所有测试环境温度为 $25 \pm 5^\circ\text{C}$ 。

All electrical characteristics tests are conducted at an ambient temperature of $25 \pm 5^\circ\text{C}$.

9.2 分断能力 Interrupting Rating

UL 10kA 在 1000 伏直流电压条件下, IEC 30kA 在 1000 伏直流电压条件下。

UL 10kA at 1000Vdc; IEC 30kA at 1000Vdc.

9.3 温度上升试验 Temperature Rising Test

当保险丝通以 100% 倍额定电流的条件下进行测试时, 在达到热量平衡后, 测量保险丝的温度, 保险丝触头的温度上升不得超过 130°C 。

Measure the temperature of the surface of the fuse under the 100% rated current, when the thermal equilibrium reached, The temperature rising on the contact is not higher than 130°C .

Note: Temp. rise = Fuse temp. - Ambient temp.

9.4 时间-电流特性 Time-Current Characteristics

额定电流的% % of ampere rating	熔断时间 Opening time
105%	1 Hours Min.
135%	60 Minutes Max.
200%	120 Sec Max.

时间-电流曲线请参考附页 Please refer to the attached Time-Current curve.

10. 环境特性 Environmental characteristics

10.1 使用温度范围 Operating Temperature

$-40^\circ\text{C} \sim 85^\circ\text{C}$ 。

10.2 保存条件 Storage Conditions

相对湿度 $\leq 85\%$, 可存放 3 年/ Relative humidity $\leq 85\%$, store 3 years .

11. 包装 Packing

11.1 10pcs/小盒、28 小盒/内盒、10 内盒/外箱(实际装箱依客户订单)。

10 fuses per plastic small box, 28 small boxs per inner box, 10 inner boxes per external carton.

(The actual case in accordance with the customer order)

11.2 产品符合 RoHS 环保指令/ The product is compliant with RoHS Directive.

附页 Attached sheet

