



电力系统过流保护 RoHS&Pb-Free
Power System Overcurrent Protection

好利® 熔断器



产品规格书

PRODUCT SPECIFICATION

光伏专用熔断体

NH1XLgPV 1500V DC

编号: A05 HLD-PSI-1066 2022/11/25

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一、产品基本资料 **Basic Information**

- 1、产品标准 Standard: IEC 60269-6、GB/T 13539.6.
- 2、额定电压 Voltage: 1500V DC
- 3、额定电流 Current: 63-200A
- 4、保护类别 Class of Operation: PV
- 5、分断能力 Breaking Capacity: 30kA @1500V DC
- 6、环境 Environmental: RoHS Compliant, REACH
- 7、安全认证 Safety Approval:

| 产品型号 Type | 额定电压 Rated Voltage | 认证范围 Approved Range | TUV |
|--------------|-----------------------|------------------------|--------------------|
| | | | 证书号码 REPORT No. |
| NH1XLgPV | 1500V DC | 63A~200A | R 50324360 |
| NH1XLgPV-B | 1500V DC | 63A~200A | R 50324360 |

8、产品目录编号 Part No.:

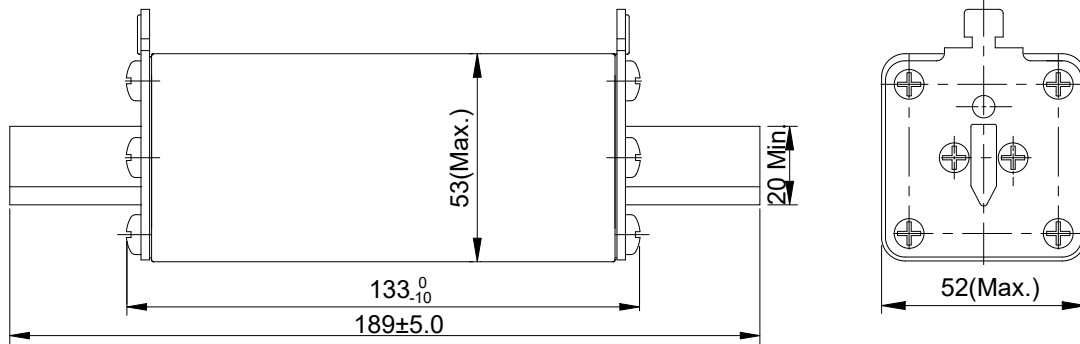
| 序号 | 目录编号 Part No. | 额定电流 Rated Current | 额定电压 Rated Voltage | 最大功耗 Max Watts Loss (W) | | | |
|----|----------------|-----------------------|-----------------------|----------------------------|----------|----------|----|
| 1 | 1XLgPV50U15A | 50A | 1500V DC | 24 | | | |
| | 1XLgPV50U15A2 | | | | | | |
| | 1XLgPV50U15B | | | | | | |
| | 1XLgPV50U15BC | | | | | | |
| 2 | 1XLgPV63U15A | 63A | | 1500V DC | 26 | | |
| | 1XLgPV63U15A2 | | | | | | |
| | 1XLgPV63U15B | | | | | | |
| | 1XLgPV63U15BC | | | | | | |
| 3 | 1XLgPV80U15A | 80A | | | 1500V DC | 28 | |
| | 1XLgPV80U15A2 | | | | | | |
| | 1XLgPV80U15B | | | | | | |
| | 1XLgPV80U15BC | | | | | | |
| 4 | 1XLgPV100U15A | 100A | | | | 1500V DC | 34 |
| | 1XLgPV100U15A2 | | | | | | |
| | 1XLgPV100U15B | | | | | | |
| | 1XLgPV100U15BC | | | | | | |

| | | | |
|--|----------------|------|----|
| | 1XLgPV125U15A | 125A | 42 |
| | 1XLgPV125U15A2 | | |
| | 1XLgPV125U15B | | |
| | 1XLgPV125U15BC | | |
| | 1XLgPV160U15A | 160A | 46 |
| | 1XLgPV160U15A2 | | |
| | 1XLgPV160U15B | | |
| | 1XLgPV160U15BC | | |
| | 1XLgPV200U15A | 200A | 52 |
| | 1XLgPV200U15A2 | | |
| | 1XLgPV200U15B | | |
| | 1XLgPV200U15BC | | |

二、产品构造图及尺寸 Dimensions

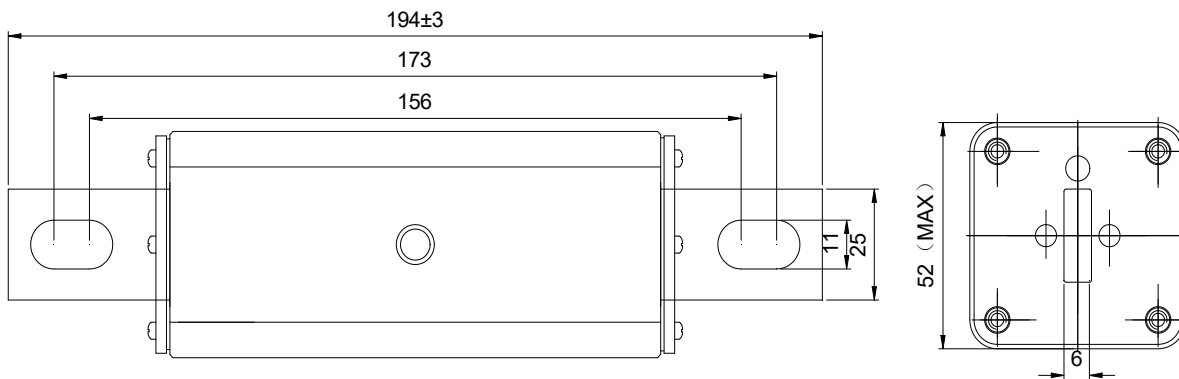
Type: NH1XLgPV

Part No.: 1XLgPV(amp rating)U15A/A2



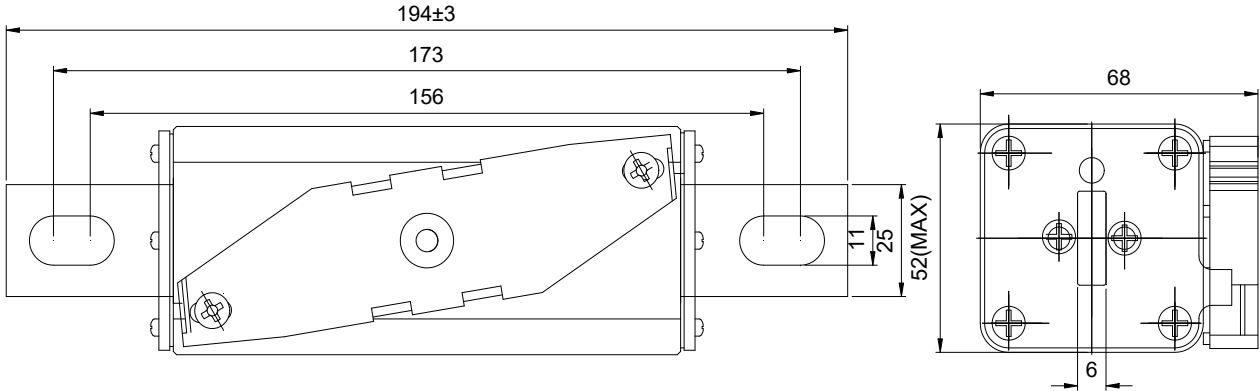
Type: NH1XLgPV -B

Part No.: 1XLgPV(amp rating)U15B



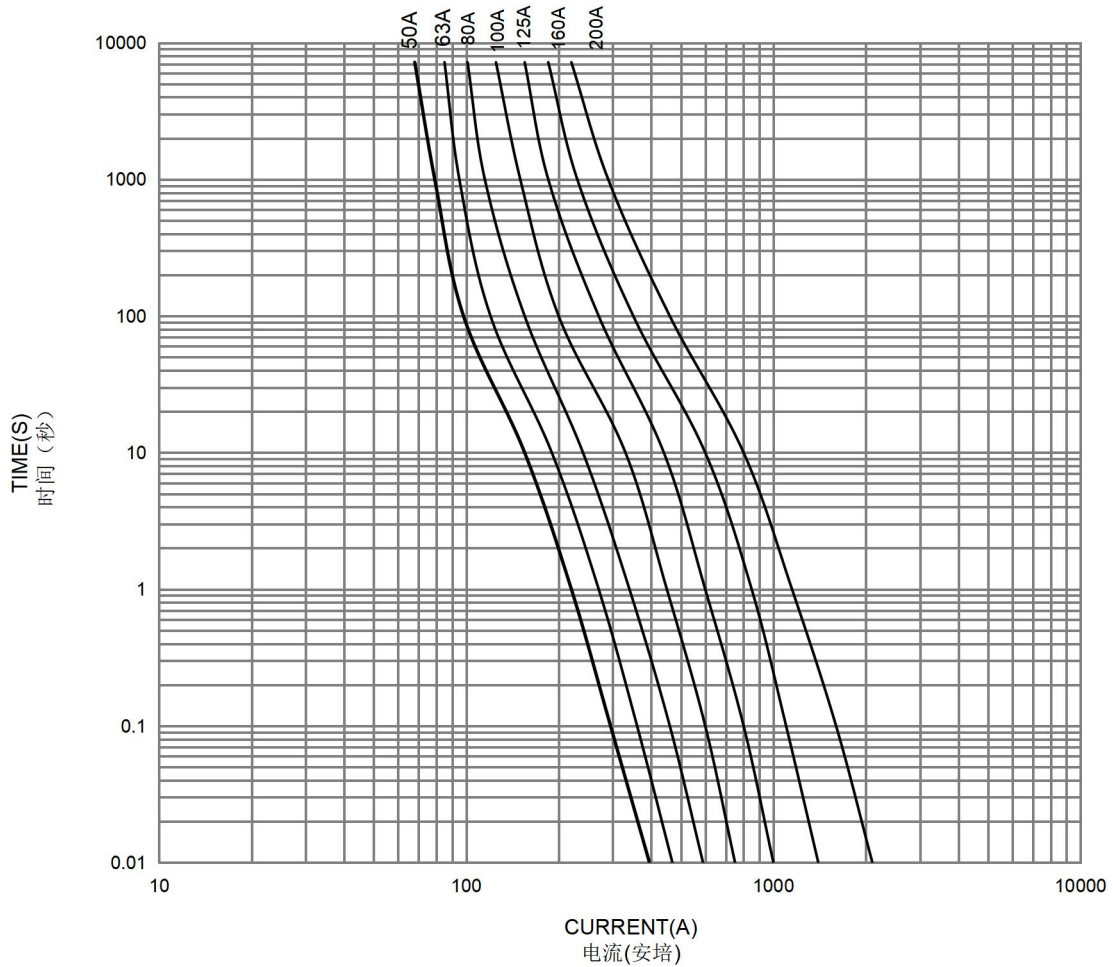
Type: NH1XLgPV -B

Part No.: 1XLgPV(amp rating)U15BC



三、时间-电流曲线图 THE AVERAGE I-T CHARACTERISTICS CURVE

NH1XLgPV 1500V平均 I-T 曲线图(仅供参考)
 NH1XLgPV 1500V AVERAGE I-T CHARACTERISTICS CURVE
 (FOR REFERENCE)



四、运输和存储 Transportation and Storage

1、运输 Transportation

包装箱运输过程中应避免雨雪侵袭和机械损伤。

Avoid rain and snow invasion and mechanical damage during the transportation of packing cases.

2、存储 Storage

产品存储温度：-40℃~+90℃。在 40℃及以上时相对湿度不大于 50%，在 20℃以下，相对湿度不大于 90%。

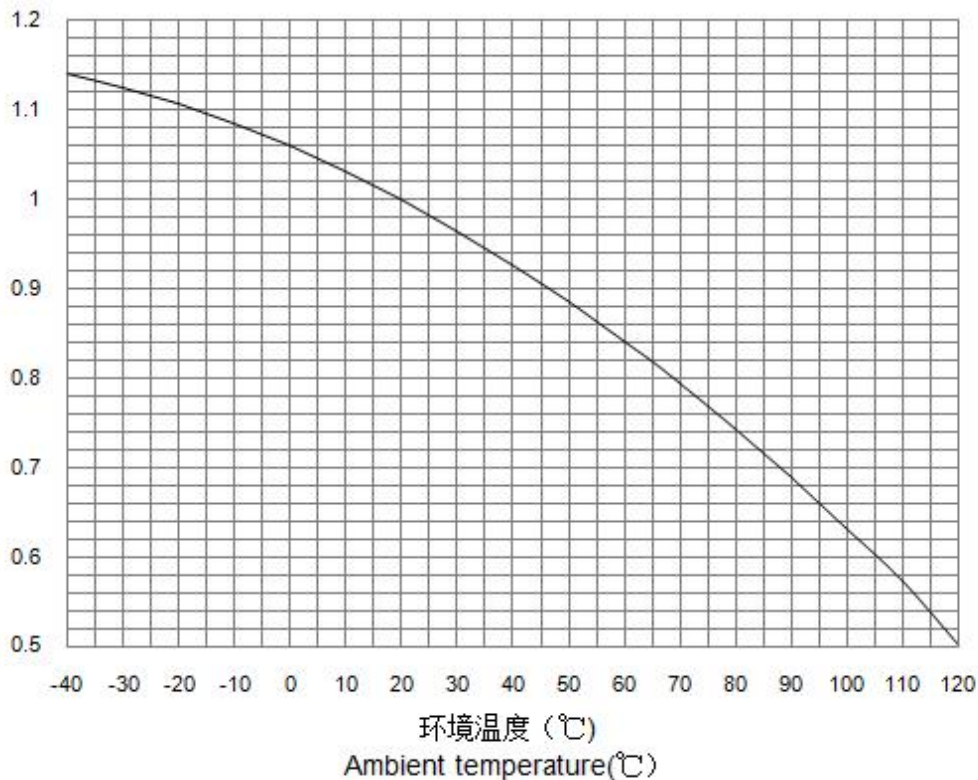
Product storage temperature: -40℃~+90℃. The relative humidity is not more than 50% at 40 °C and above, and the relative humidity is not more than 90% below 20 °C.

五、工作和使用条件 Working and Operating Instructions

1、环境温度 Ambient temperature

使用条件 Ambient temperature correction curve: -40℃~+125℃

环境温度修正曲线 Ambient temperature correction curve:



2、海拔高度 Altitude

正常使用海拔高度不超过 2000 米，当超过 2000 米熔断器的额定电流需进行修正：

When fuses are used at high altitudes, the current rating should be corrected, the correction factor is shown in the following table:

| 海拔高度 (h) Altitude above sea level(h) | 降容系数 (I/I _n) Derating factor (I/I _n) |
|-----------------------------------------|-----------------------------------------------------------------|
| 2000 | 1.000 |
| 2500 | 0.975 |
| 3000 | 0.950 |
| 3500 | 0.925 |
| 4000 | 0.900 |
| 4500 | 0.875 |
| 5000 | 0.850 |

3、大气条件 Atmospheric Conditions

空气是干净的，其相对湿度在最高温度为 40℃ 时不超过 50%。

The air is clean and its relative humidity does not exceed 50 % at the maximum temperature of 40 °C.

在较低的温度下可以有较高的相对湿度，例如：在 20℃ 以下，相对湿度可以达到 90%。在这些条件下，由于温度变化，可能会偶然发生中等凝露。

Higher relative humidity is permitted at lower temperatures, for example, 90 % at 20°C. Under these conditions, moderate condensation may occasionally occur due to variation in temperature.

六、包装要求 Packing Details

包装方式A PACKING MODE A : 1XLgPV(amp rating)U15A/A2/ BC

- 1.小盒参考尺寸Small Box Size: 长×宽×高length × width × height=215×60×67mm。
- 2.外箱参考尺寸External Carton Size: 长×宽×高length × width × height=320×235×230mm。
- 3.包装要求: 1个/小盒; 15小盒/每箱。Packing Details: 1EA/small box; 15small box /exported carton.

包装方式B PACKING MODE B: 1XLgPV(amp rating)U15B

- 1.小盒参考尺寸Small Box Size: 长×宽×高length × width × height=215×60×55mm。
2. 外箱参考尺寸External Carton Size: 长×宽×高length × width × height=320×230×190mm。
- 3.包装要求: 1个/小盒; 15小盒/每箱。Packing Details: 1EA/small box; 15 small box /exported carton.

所有产品的包装应能达到防潮、抗振的作用，以防在运输或贮存过程中产品受潮或损坏。

Packing should meet the requirements of anti-moisture and anti-shaking so that the products will not absorb moisture or be damaged during transportation or storage.