



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

NH2XLPV-C&NH2XLPV-D 1500V DC

编号: B01 HLD-PSI-1253 2023/06/28

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一、产品基本资料 Basic Information

- 1、产品标准 Standard: UL248-19, GB/T 13539.6,IEC 60269-6
- 2、额定电压 Voltage: 1500V DC
- 3、额定电流 Current: 100-400A
- 4、保护类别 Class of Operation: PV
- 5、分断能力 Breaking Capacity: 50kA @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	UL	TUV
			证书号码 REPORT No.	证书号码 REPORT No.
NH2XLPV-C(-D)	1500V DC	63A-400A	/	R 50540085
NH2XLPV-C(-D)	1500V DC	125A~400A	E345479	/

8、产品目录编号 Part No.:

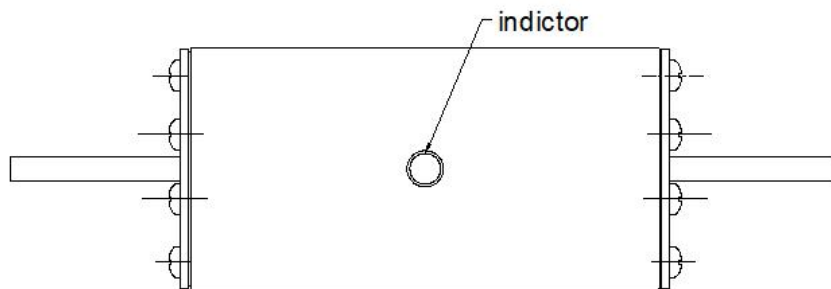
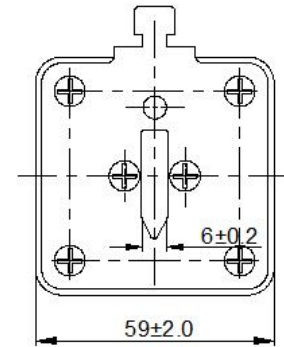
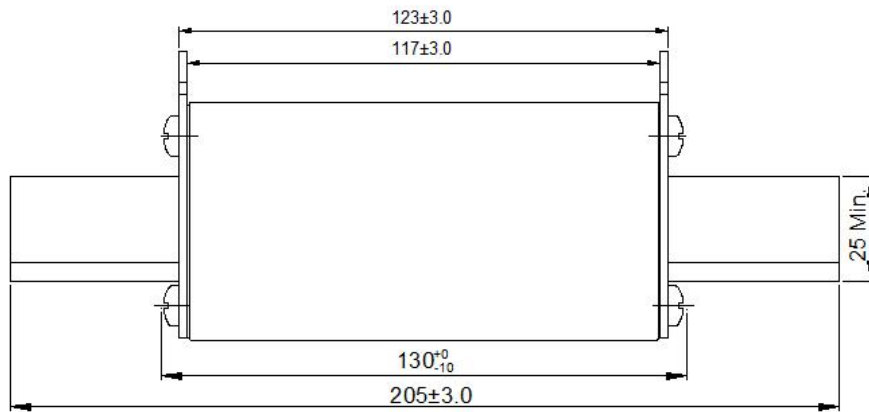
序号	目录编号 Part No.	额定电流 Rated Current	I²T 值		最大功耗 Max Watts Loss (W)
			Pre-arc(A²S)	Total(A²S)	
1	2XLPV100U15C	100A	11000	25000	26
	2XLPV100U15C2				
	2XLPV100U15D				
	2XLPV100U15DE				
	2XLPV100U15DC				
2	2XLPV125U15C	125A	20000	45000	32
	2XLPV125U15C2				
	2XLPV125U15D				
	2XLPV125U15DE				
	2XLPV125U15DC				
3	2XLPV160U15C	160A	24000	54000	55
	2XLPV160U15C2				
	2XLPV160U15D				
	2XLPV160U15DE				
	2XLPV160U15DC				

4	2XLPV200U15C	200A	44000	99000	70
	2XLPV200U15C2				
	2XLPV200U15D				
	2XLPV200U15DE				
	2XLPV200U15DC				
5	2XLPV250U15C	250A	80000	176000	80
	2XLPV250U15C2				
	2XLPV250U15D				
	2XLPV250U15DE				
	2XLPV250U15DC				
6	2XLPV315U15C	315A	150000	332000	95
	2XLPV315U15C2				
	2XLPV315U15D				
	2XLPV315U15DE				
	2XLPV315U15DC				
7	2XLPV350U15C	350A	200000	440000	101
	2XLPV350U15C2				
	2XLPV350U15D				
	2XLPV350U15DE				
	2XLPV350U15DC				
8	2XLPV400U15C	400A	363000	802000	110
	2XLPV400U15C2				
	2XLPV400U15D				
	2XLPV400U15DE				
	2XLPV400U15DC				

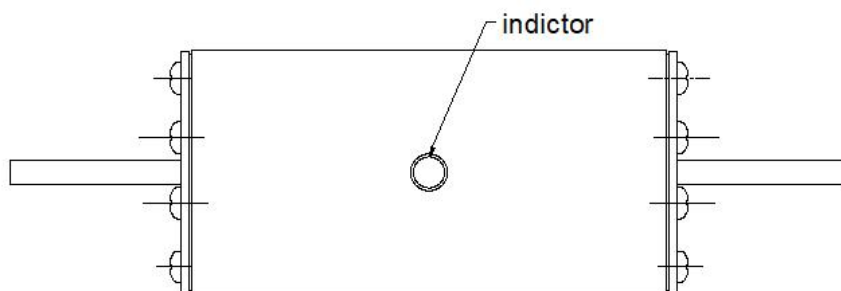
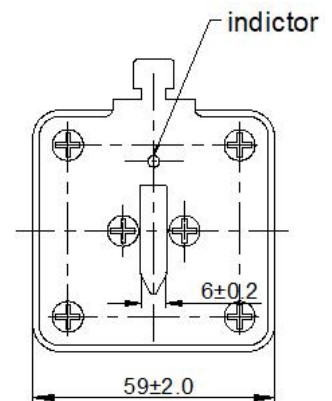
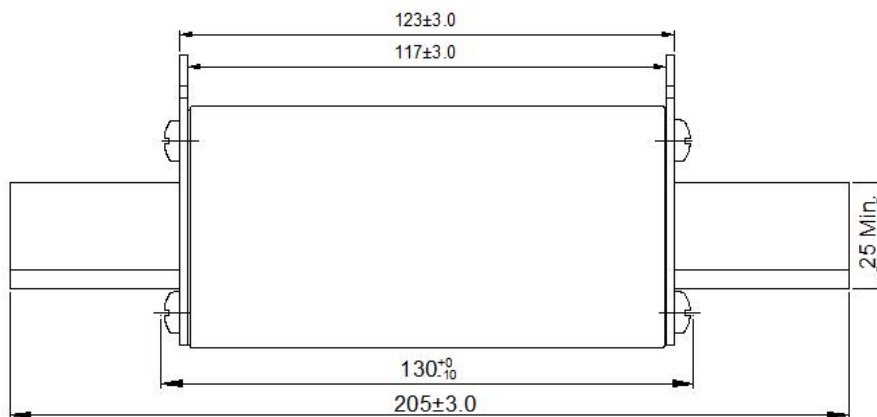
二、产品构造图及尺寸 Dimensions

Type: NH2XLPV-C

Part No.: 2XLPV(amp rating)U15C

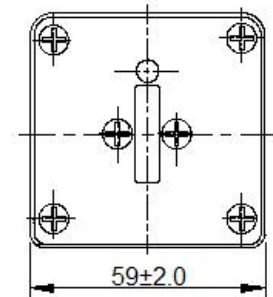
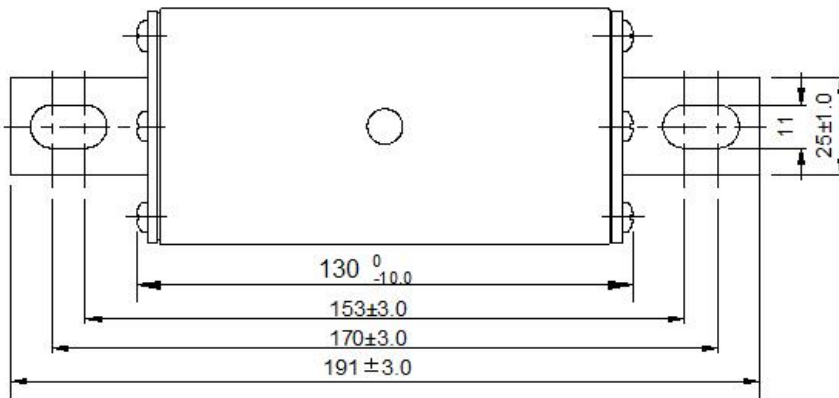


Part No.: 2XLPV(amp rating)U15C2

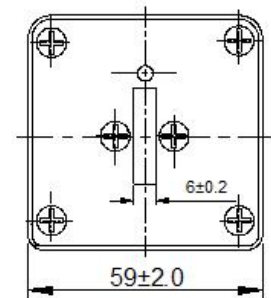
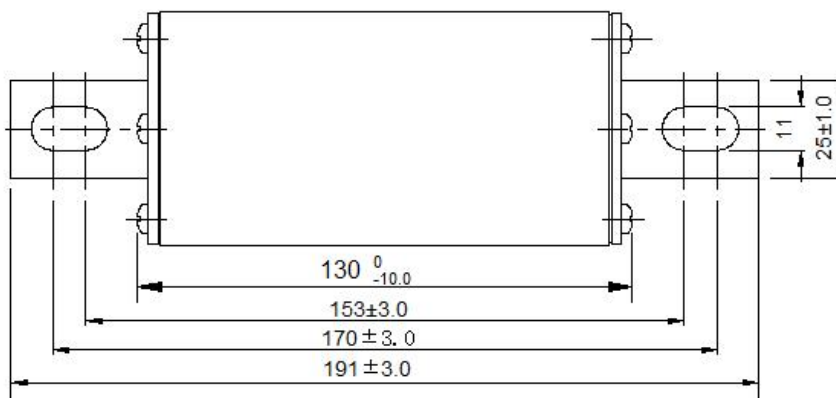


Type: NH2XLPV-D

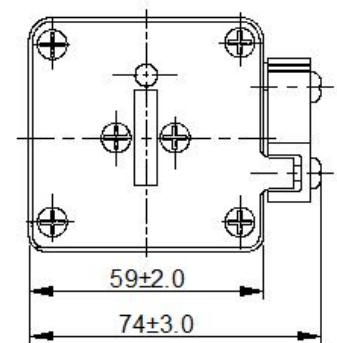
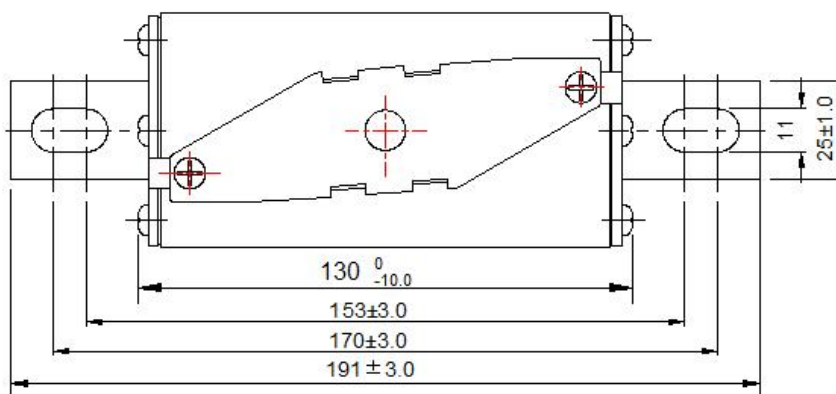
Part No.: 2XLPV(amp rating)U15D



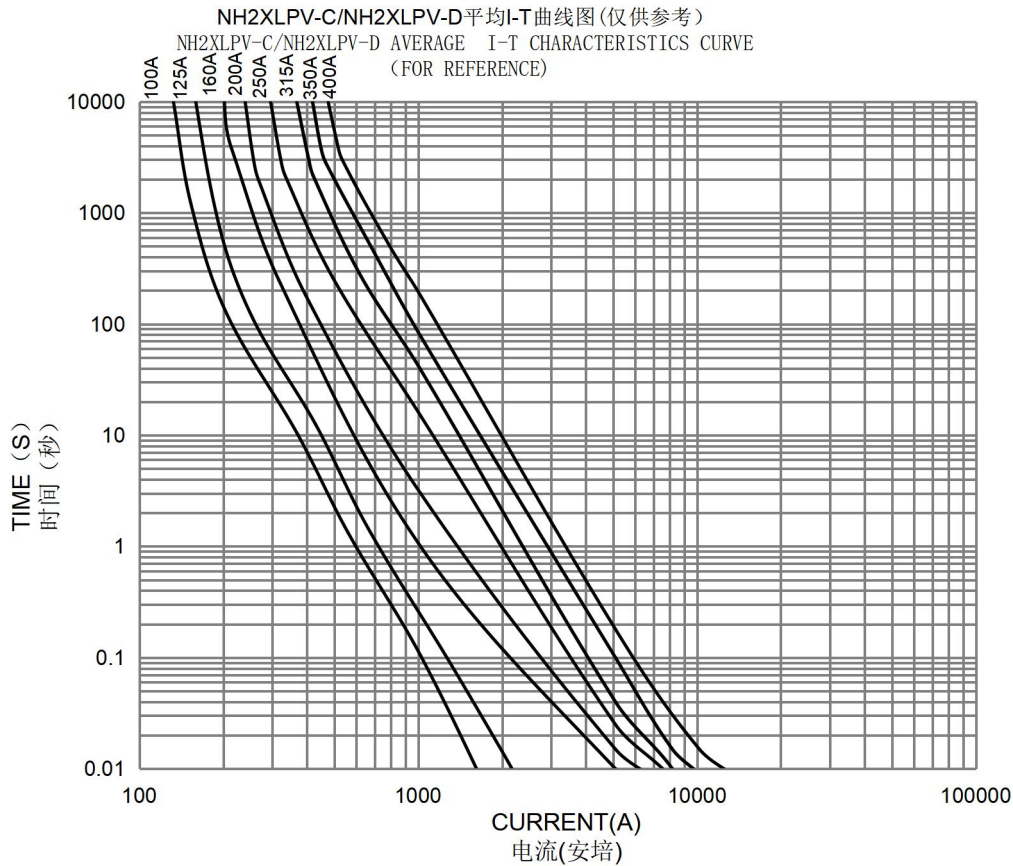
Part No.: 2XLPV(amp rating)U15DE



Part No.: 2XLPV(amp rating)U15DC



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



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: $-40^{\circ}\text{C} \sim +90^{\circ}\text{C}$ 。在 40°C 及以上时相对湿度不大于 50%，在 20°C 以下，相对湿度不大于 90%。

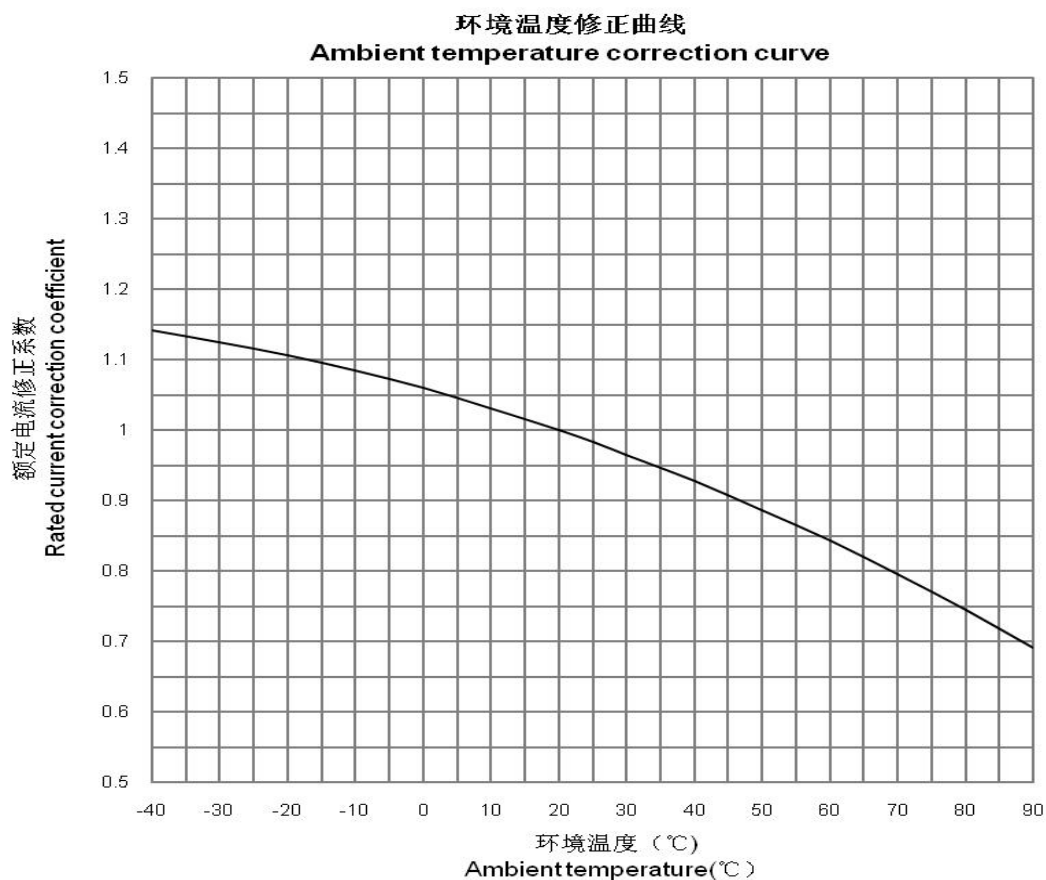
Product storage temperature: $-40^{\circ}\text{C} \sim +90^{\circ}\text{C}$. The relative humidity is not more than 50% at 40°C and above, and the relative humidity is not more than 90% below 20°C .

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: $-40^{\circ}\text{C} \sim +90^{\circ}\text{C}$

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℃. Under these conditions, moderate condensation may occasionally occur due to variation in temperature.

4、可选配件 Optional Accessory

目录编号 Part No.	可选配件 Optional Accessory	
	熔断器座 Fuse Holders	微动开关 Micro switches
2XLPV (amp rating) U15C	NH3LBU15	/
2XLPV (amp rating) U15C2	NH3LBU15	HMT-01
2XLPV (amp rating) U15DC	/	HMC-01

5、推荐安装扭矩 Recommended installation torque

Part No.	螺栓尺寸 Size of screws	力矩 Torque(Nm)
2XLPV(amp rating)U15D/DE/DC	M10	21

六、包装要求 Packing Details

包装方式 A PACKING MODE A:2XLPV(amp rating)U15C /C2/ NH2XLPV(amp rating)U15DC

1. PE袋参考尺寸PE Bag Size: 长×宽×高length × width × height=360×150×0.07mm。
- 2.小盒参考尺寸Small Box Size: 长×宽×高length × width × height=220×68×75mm。
- 3.外箱参考尺寸External Carton Size: 长×宽×高length × width × height=370×250×265mm。
4. 包装要求Packing Details: 1个/PE袋子1 EA/ PE Bag; 1PE袋/小盒1 PE Bag/ Small Box; 15 小盒/每箱15 Small Box/ Carton。

包装方式 B PACKING MODE B:NH2XLPV(amp rating)U15D/DE

1. PE袋参考尺寸PE Bag Size: 长×宽×高length × width × height=360×150×0.07mm。
- 2.小盒参考尺寸Small Box Size: 长×宽×高length × width × height=220×68×63mm。
- 3.外箱参考尺寸External Carton Size: 长×宽×高length × width × height=370×250×230mm。
4. 包装要求Packing Details: 1个/PE袋子1 EA/ PE Bag; 1PE袋/小盒1 PE Bag/ Small Box; 15 小盒/每箱15 Small Box/ 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.