

概述 Overview

圆筒帽形系列光伏系统保护用熔断器，适用于保护和隔离光伏电池组件或阵列的电力系统，其额定电压DC1000V、DC1500V,额定电流1A-32A，使用类别为gPV、额定分断电流20kA~33kA，本系列产品符合国家GBT 13539.6和国际电工委EC 60269-6标准。

Cylinder cap series fuses for photovoltaic system protection, suitable for protecting and isolating photovoltaic cell modules or arrays of power systems, the rated voltage DC1000V, DC1500V, rated current 1A-32A, the use of gPV, rated breaking current 20kA~33kA, This series of products comply with the national GBT 13539.6 and the international Electricity Commission EC 60269-6 standards.



特性 Characteristics

本产品具有外型体积小、耐高温、额定容量大、分断能力高、分断速度快、温升低等优越的电气性能，为光伏系统安全提供可靠保障。

This product has the advantages of small Specification, high temperature resistance, large rated capacity, high breaking capacity, fast breaking speed, low temperature rise and superior electrical performance, which provides reliable guarantee for the safety of photovoltaic system.

订货型号示例 Order code example

企业代码 enterprise code	系列 series	额定电流 Rated current	额定电压 Rated voltage	规格mm Specification
LC	R	1A	10V=1000V	38L



技术参数 Parameters

规格 Specification	型号 Model	额定电流 Rated current	额定电压 Rated voltage	分断电流 Breaking current	保护类别 Protection category	适配底座 Fuse holder
 Ø10x38mm	LCR1A10V38L	1A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR2A10V38L	2A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR3A10V38L	3A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR3.5A10V38L	3.5A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR4A10V38L	4A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR5A10V38L	5A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR6A10V38L	6A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR8A10V38L	8A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR10A10V38L	10A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR12A10V38L	12A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR15A10V38L	15A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR20A10V38L	20A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR25A10V38L	25A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR30A10V38L	30A	DC1000V	30kA	gPV	LCR60H10x38Z
	LCR32A10V38L	32A	DC1000V	30kA	gPV	LCR60H10x38Z

> 订货型号示例 Order code example

企业代码 enterprise code	系列 series	额定电流 Rated current	额定电压 Rated voltage	规格mm Specification
LC	R	32A	15V=1500V	51L


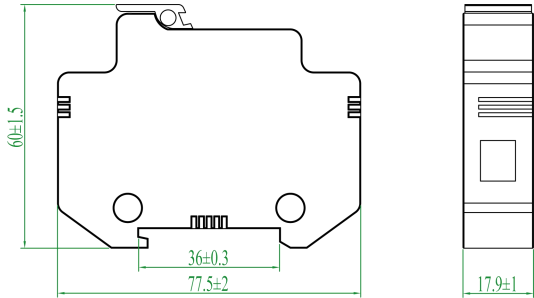

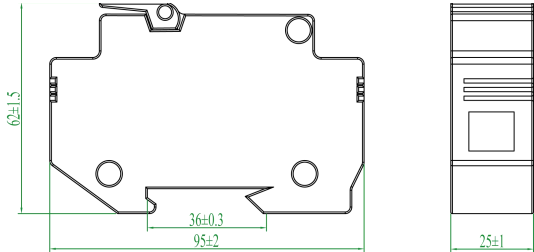

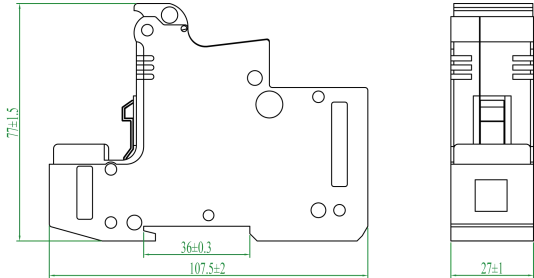

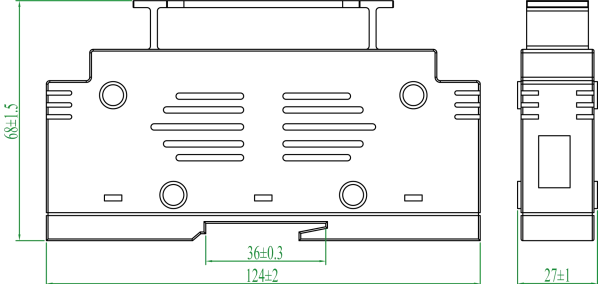
> 技术参数 Parameters

规格 Specification	型号 Model	额定电流 Rated current	额定电压 Rated voltage	分断电流 Breaking current	保护类别 Protection category	适配底座 Fuse holder
 Ø14x51mm	LCR32A15V51L	32A	DC1500V	30kA	gPV	LCR62H14x51Z LCR77H14x51Z
 Ø10x85mm	LCR1A15V85L	1A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR2A15V85L	2A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR2. 25A15V85L	2. 25A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR2. 5A15V85L	2. 5A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR3A15V85L	3A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR3. 5A15V85L	3. 5A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR4A15V85L	4A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR4. 5A15V85L	4. 5A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR5A15V85L	5A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR6A15V85L	6A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR8A15V85L	8A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR10A15V85L	10A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR12A15V85L	12A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR15A15V85L	15A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR16A15V85L	16A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR20A15V85L	20A	DC1500V	30kA	gPV	LCR68H10x85Z
	LCR25A15V85L	25A	DC1500V	30kA	gPV	LCR68H10x85Z
LCR30A15V85L	30A	DC1500V	30kA	gPV	LCR68H10x85Z	
LCR32A15V85L	32A	DC1500V	30kA	gPV	LCR68H10x85Z	

➤ 底座型号示例 Base model example

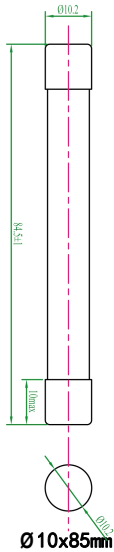
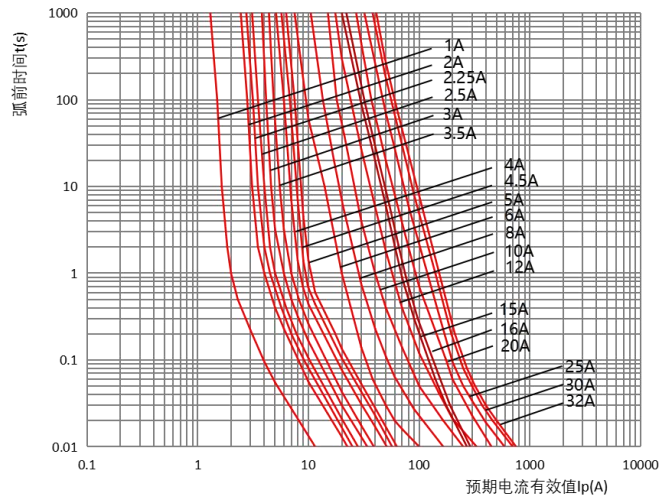
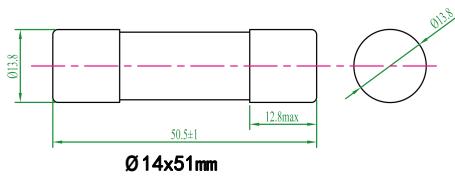
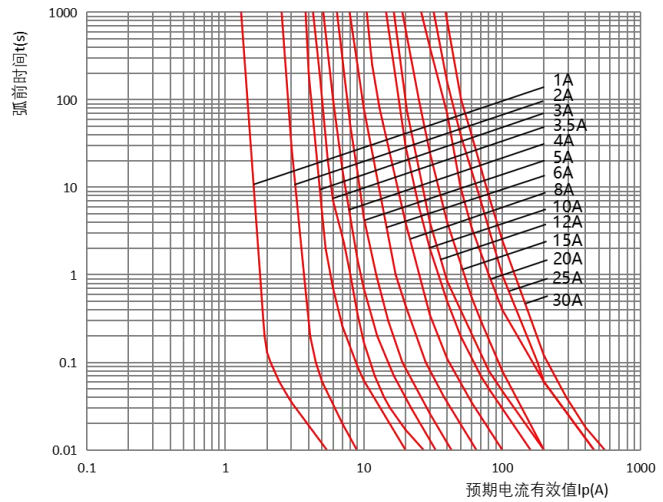
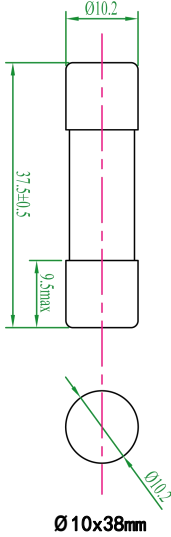
型号 Model	企业代码 enterprise code	系列 series	规格mm Specification	适配熔芯mm Fit core	款型 style
LCR60H10x38Z	LC	R	60H	10x38	Z
LCR62H14x51Z	LC	R	62H	14x51	Z
LCR77H14x51Z	LC	R	77H	14x51	Z
LCR68H10x85Z	LC	R	68H	10x85	Z

➤ 技术参数 Parameters

规格 Specification	尺寸 Size
 <p>LCR60H10x38Z</p>	
 <p>LCR62H14x51Z</p>	
 <p>LCR77H14x51Z</p>	
 <p>LCR68H10x85Z</p>	

➤ 尺寸 Size / 弧前时间-预期电流曲线 Pre-arc time-expected current curve

尺寸 Size 弧前时间-预期电流曲线
Pre-arc time-expected current curve



➤ 工作环境与储存 Operating ambient

- 正常工作条件: $-5^{\circ}\text{C}\sim 40^{\circ}\text{C}$
- 允许使用条件: $-40^{\circ}\text{C}\sim 120^{\circ}\text{C}$
- 正常工作条件: 海拔不超过2000m
- 允许使用条件: 海拔不超过4500m
- 运输过程中应避免雨雪侵袭和机械损伤
- 产品储存温度: $-40^{\circ}\text{C}\sim 70^{\circ}\text{C}$ 。
在 40°C 时相对湿度不大于70%
在 30°C 时相对湿度不大于80%
在 20°C 时相对湿度不大于90%

- Normal working conditions: $-5^{\circ}\text{C}\sim 40^{\circ}\text{C}$
- Allowable use conditions: $-40^{\circ}\text{C}\sim 120^{\circ}\text{C}$
- Normal working conditions: The altitude does not exceed 2000m
- Permitted use conditions: altitude not exceeding 4500m
- Rain, snow and mechanical damage should be avoided during transportation
- Product storage temperature: $-40^{\circ}\text{C}\sim 70^{\circ}\text{C}$ 。
The relative humidity is not more than 70% at 40°C
The relative humidity is not more than 80% at 30°C
The relative humidity is not more than 90% at 20°C

