

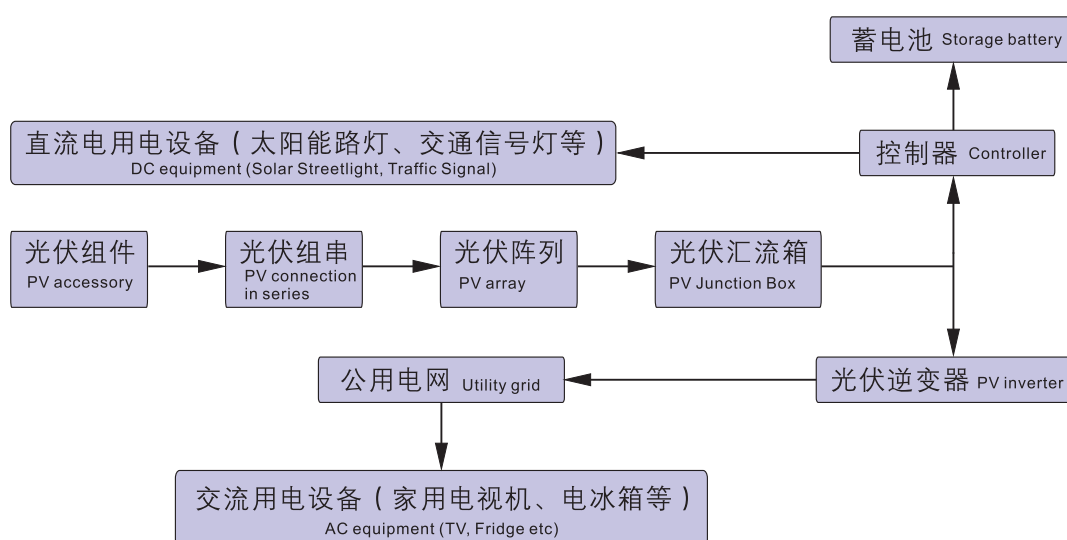


太阳能光伏系统过电流保护用直流熔断器

DC FUSE FOR PROTECTING IN SOLAR PHOTOVOLTAIC SYSTEM



一、光伏发电系统简介 PV Electricity generation Instruction



三、正常工作条件 Normal service Conditions

周围空气温度上限可达到90℃，下限可以达到-40℃，安装地点海拔不超过2000m。（如若要超过此值，需注明要求，本公司可按客户要求设计开发。）

The around temperature Max value can be up to 90 °C， min limit value up to -40 °C, the installation altitude is not over 2000m (our company can customize based on one’ s request if you need some special)

四、使用类别 Use category

“gPV” 表示用于光伏电能系统具有全范围直流分断的熔断体。

gPV means all range DC breaking protection in solar photovoltaic power generation system

五、结构特点 Structure

由纯银片(或银丝绕制而成)制成的变截面熔体，经过处理并封装于由高强度瓷制成的熔管内，熔管中充满经化学处理，并进行工艺处理过的高纯度石英砂作为灭弧介质，熔体二端采用点焊与触头牢固电连接。熔断器底座特别塑料制成的外壳装上触头和载熔件后，或经铆合连接而成，可作为相应尺码熔断体的支持件。本系列熔断器具有体积小、装置方便、使用安全、外形美观等特点。

Fuse link is made of pure silver (or made of silver strings), welding low tin and encapsulated in the melt tube made of high-strength porcelain, the fuse tube filled with high pure quartz sand chemically processed as the arc medium, fuse body is connected with contacting terminals by spot welding Fuse base made by special plastic fitted with contacts and contains the fusion pieces, the connection made by riveting as the support of the appropriate size fuse body parts. This series fuse has a compact and convenient device, use security, beautiful appearance, etc.

六、主要技术参数 Main Technical Data

表1

熔断体型号 fuse model	额定电压 rated vltage (V)	额定电流 rated current (A)	外形尺寸/尺码(mm) overall dimension/size	
			图号 drawing NO.	D×L
快速 fast (gPV)				
SLPV-30	1000Vdc	1~30	1.1	Φ10×38
SLPV-32	1500Vdc	1~32	1.1	Φ10×65

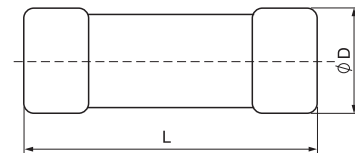
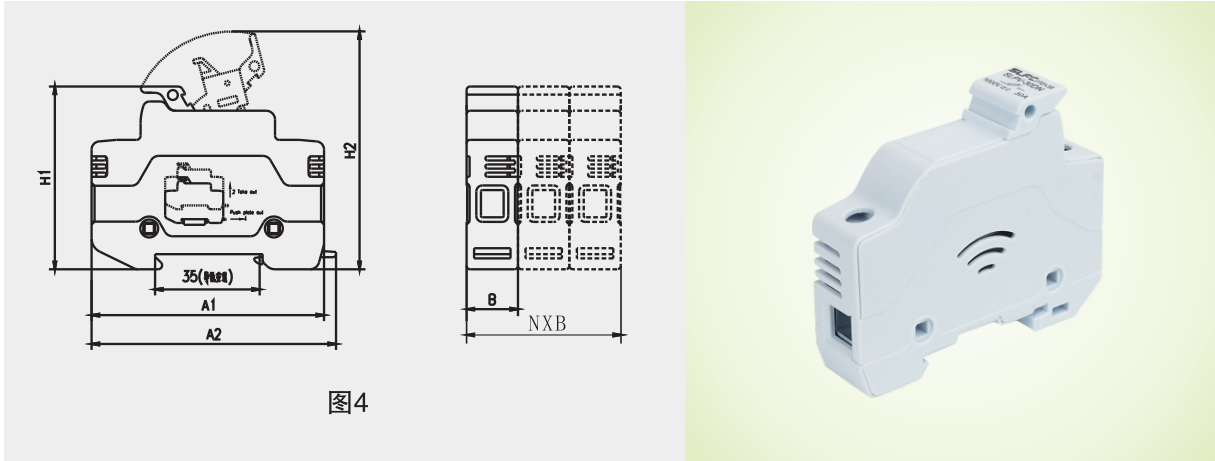


图1.1

熔断体底座型号 fuse base model	配套熔断体尺码 matched with fuse body measurement	额定电压 rated vltage (V)	额定电流 rated current (A)	外形尺寸/尺码 overall dimension/size						
				图号 drawing No.	A1	A2	B	H1	H2	Φd
SLPV-30DN	10×38	1000Vdc	30	4	73	-	18	61	80	-



熔断体底座型号 fuse base model	配套熔断体尺码 matched with fuse body measurement	额定电压 rated vltage (V)	额定电流 rated current (A)	外形尺寸/尺码 overall dimension/size						
				图号 drawing No.	A1	A2	B	H1	H2	Φd
SLPV-32D	10×65	1500Vdc	32	5	101	-	18	64	87	-

