



Application

This series of fuse is suitable for solar photovoltaic power generation system, rated voltage to 1500V, rated current to 50A, connected with photovoltaic panels and batteries, to charge variable flow system for short circuit breaking protection in photovoltaic station and photovoltaic power generation system. The rated breaking capacity is 20KA, products conform to IEC60269.6

Normal Working Conditions

Ambient Temperature: -40°C - + 90°C

Equipment installation height: less than 2000m

(if you want use exceeding this height, pls tell us in advance, we can design according to your requirements)

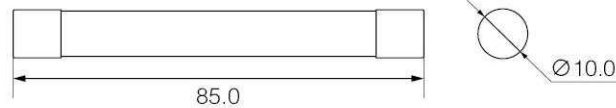
Use Category

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

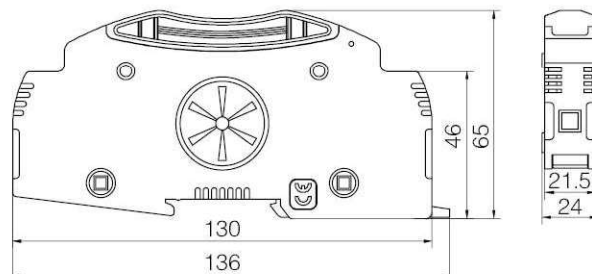
Structure

Fuse Link is made of pure silver, welding low tin and encapsulated in the high-strength porcelain, the fuse tube filled with high pure quartz sand with chemically processed as a arc medium, fuse body is connected with contacting terminals by spot welding.

Main Technical Specification



Model	Rated Voltage (V)	Rated Current (A)	SIZE(mm)
SRF-30	DC1500V	2-30	See Above Drawing



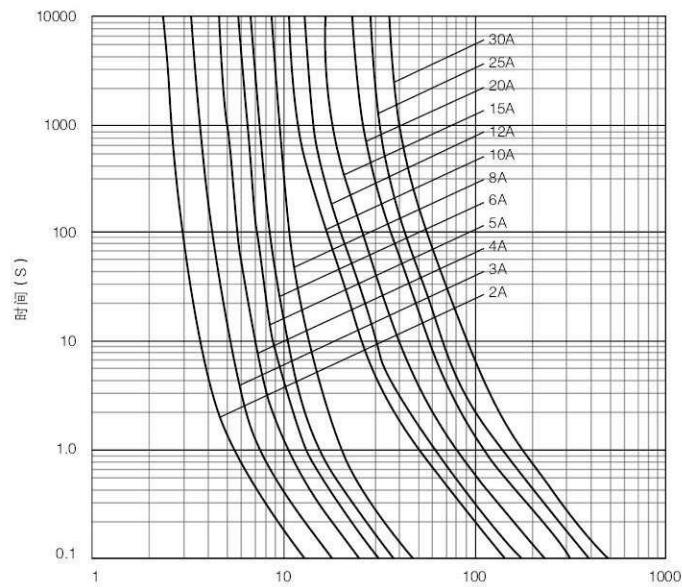
Model	Fuse Size	Rated Voltage (V)	Rated Current (A)	SIZE(mm)
SRD-30	10/14×85	DC1500V	2-50A	See Above Drawing

Testing Method

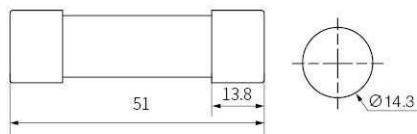
Appointed time and current

gPV Fuse current rated (A)	Appointed Timeh	Appointed Current	
		Inf	If
$I_n \leq 63$	1	1.13I _n	1.45I _n
$63 < I_n \leq 160$	2		
$160 < I_n \leq 400$	3		
$I_n > 400$	4		

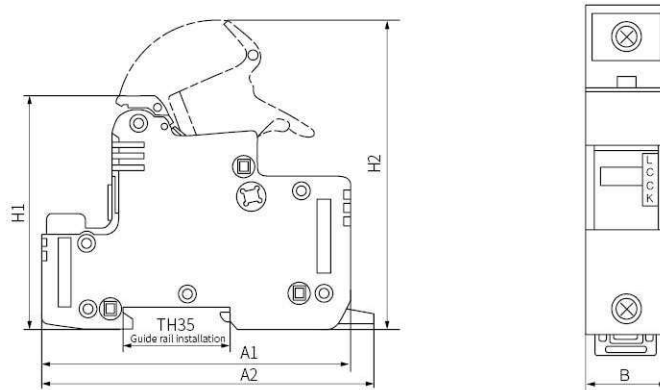
Characteristic Curve



Main Technical Specification



Model	Rated Voltage (V)	Rated Current (A)	SIZE(mm)
SRF-30	DC1500V	10A-32A	See Above Drawing



Model	Fuse Size	Rated Voltage (V)	Rated Current (A)	SIZE(mm)				
				A1	A2	B	H1	H2
SRD-32	14x51	DC1500V	10-32A	107	111	27	72	100

Testing Method

Appointed time and current

gPV Fuse current rated (A)	Appointed Timeh	Appointed Current	
		Inf	If
$I_n \leq 63$	1	1.13I _n	1.45I _n
$63 < I_n \leq 160$	2		
$160 < I_n \leq 400$	3		
$I_n > 400$	4		

Characteristic Curve

