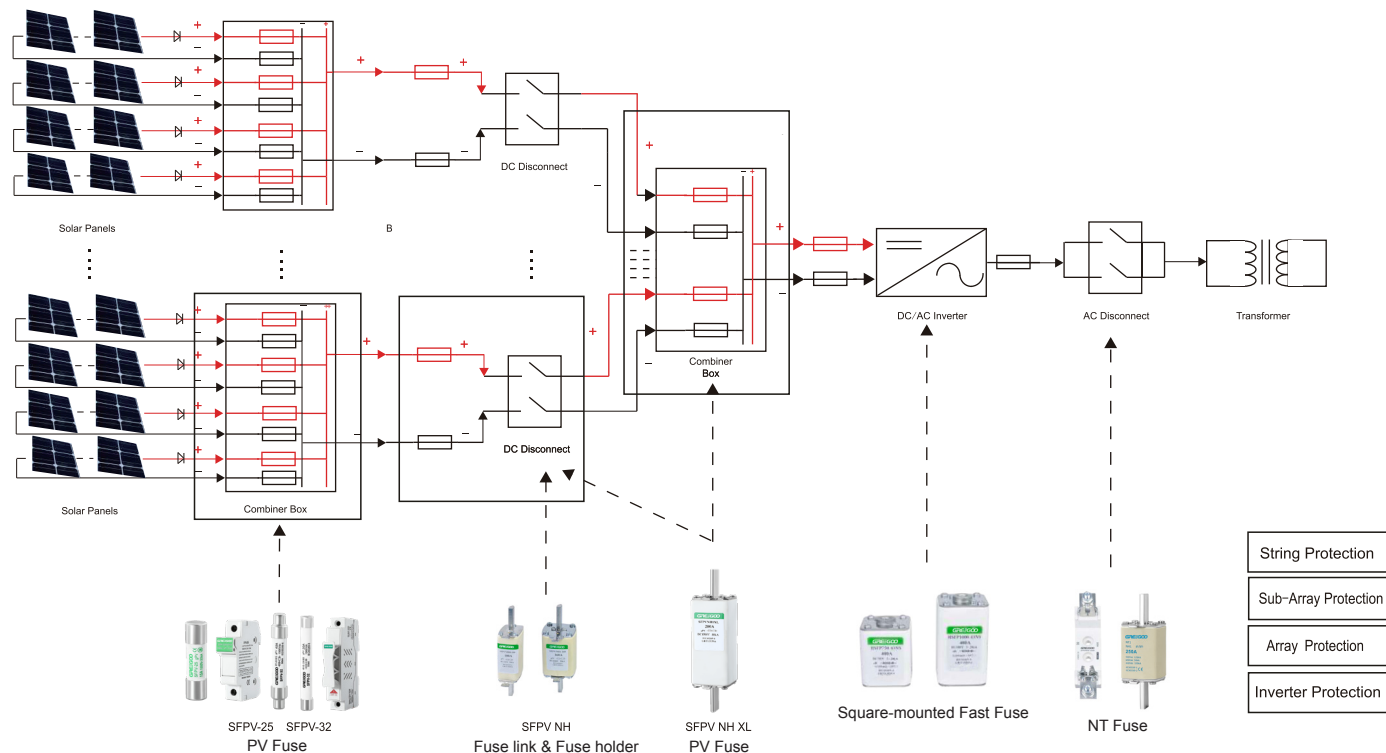


Solar Photovoltaic Energy Fuses

It complies with IEC 60269-6(gPV) to ensure the safe and reliable application of solar energy. Rated voltage DC1000V & DC1500V, can meet the larger voltage capacity requirements. Filed application engineers specializing in the renewable energy industry can provide the most effective technical support.

Photovoltaic power distribution network



Type	Rated voltage	Rated current	Standard	Photo
SFPV-25 Fuse link	DC1000V	1A, 2A, 3A, 4A, 5A, 6A, 8A, 10A, 12A, 15A, 16A, 20A, 25A, 32A	IEC60269-6 IEC60269-1	
SFPV-25B (X) Fuse holder	DC1000V	32A	IEC60947-1 IEC60947-3	
SFPV-C Fuse clip	DC1000V	32A	IEC60269-6 IEC60269-1	
SFPVNH0 Fuse Link	DC1000V	32A, 40A, 50A, 63A, 80A, 100A	IEC60269-6	
SFPVNH1 Fuse link	DC1000V	50A, 63A, 80A, 100A, 125A, 160A	IEC60269-6	
SFPVNH0B Fuse base	DC1000V	100A	IEC60269-6 IEC60269-1	
SFPVNH1B Fuse base	DC1000V	160A	IEC60269-6 IEC60269-1	
SFPV-32 Fuse link	DC1500V	2A, 3A, 4A, 5A, 6A, 8A, 10A, 12A, 15A, 16A, 20A, 25A, 32A, 35, 40, 45, 50	IEC60269-6	
SFPV-32B(X) Fuse holder	DC1500V	50A	IEC60947-1 IEC60947-3	
SFPVNH1XL Fuse link	DC1500V	63A, 80A, 100A, 125A, 160A, 200A, 250A	IEC60269-6	
SFPVNH2XL Fuse link	DC1500V	125A, 160A, 200A, 250A, 315A, 350A, 400A	IEC60269-6	
SFPVNH3XL Fuse link	DC1500V	350A, 400A, 450A, 500A, 550A, 630A	IEC60269-6	
SFPVNH1XLB Fuse base	DC1500V	250A	IEC60269-6 IEC60269-1	
SFPVNH2XLB Fuse base	DC1500V	400A	IEC60269-6 IEC60269-1	
SFPVNH3XLB Fuse base	DC1500V	630A	IEC60269-6 IEC60269-1	

SFPV SERIES

gPV CYLINDRICAL Fuse link

Protection Category: gPV-Full-range protection against overload and short circuit

Compliance Standards: IEC 60269-6

Typical Applications:

- Interrupting overload currents caused by faulty PV arrays

- Protection of photovoltaic (PV) combiner boxes and isolation switches

Product Features:

- Low temperature rise and power consumption, long service life
- Standardized dimensions, compact structure
- Suitable for support brackets/bases

TYPE:
SFPV-25
10X38

Rated Voltage:
DC1000V

Breaking capacity:
33kA

TUV

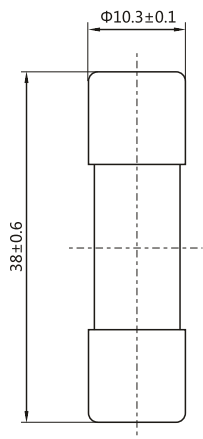
Standard:
IEC60269-6
GB/T13539.6

ISO9001 IATF16949

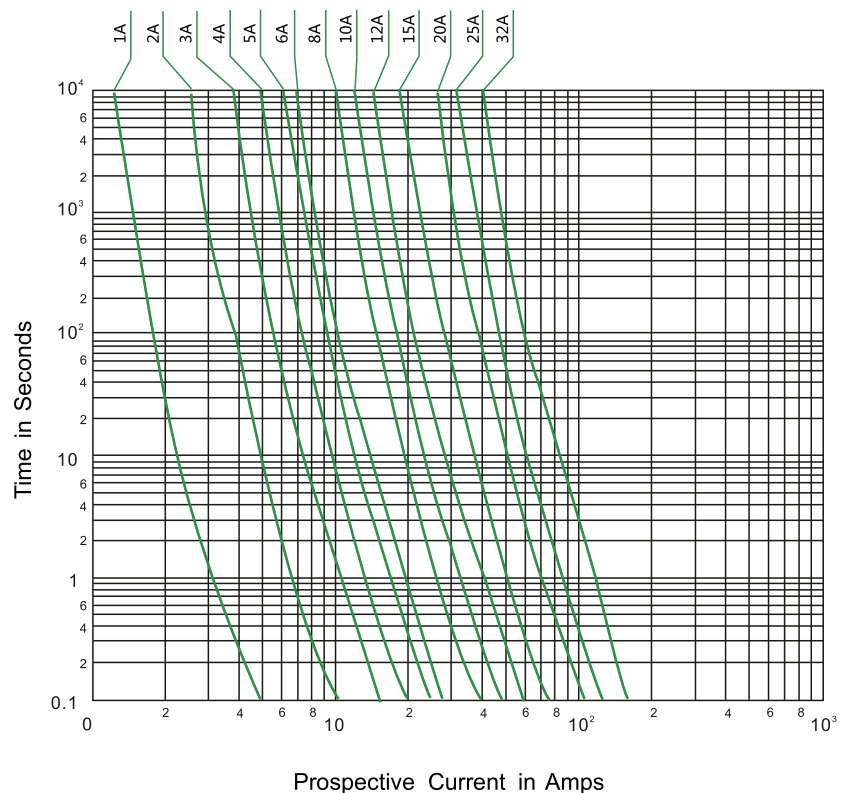
Rated Current 额定电流	I ² t (A ² s) 焦耳积分		Power loss 功耗 (w) 1.0 In	Net weight 净重
	Melting	Clearing		
1A	5	16	0.9	10g
2A	8	32	1.0	
3A	10	48	1.3	
4A	13	65	1.5	
5A	22	86	1.6	
6A	32	100	1.8	
8A	42	135	2.1	
10A	50	152	2.3	
12A	57	188	2.7	
15A	60	230	3.0	
20A	80	310	3.6	
25A	120	420	4.5	
32A	185	660	5.0	



Dimensions (mm)



Time - current Curves



SFPV SERIES

gPV CYLINDRICAL Fuse holder

Compliance Standards: IEC 60947-3

Installation: TH35 rail mounting (convenient)

Product Features:

- Low temperature rise and power consumption, long service life
- Standardized dimensions, compact structure
- V0 grade

TYPE:
SFPV -25B(X)
For size
10X38

Rated Voltage:
DC1000V

Breaking capacity:
33kA

TUV
Standard:
IEC60947-1
IEC60947-3

IS09001 IATF16949

Type	Rated Current	led indicator	Net weight
SFPV -25B	32A	NO.	60g



Type	Rated Current	led indicator	Net weight
SFPV -25BX	32A	YES.	60g

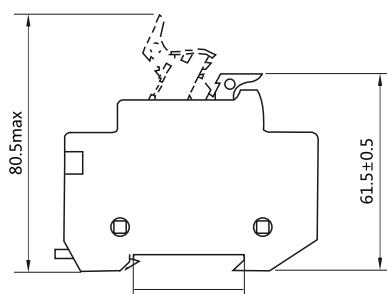


TYPE:
SFPV-C
CLIP
DC1000V

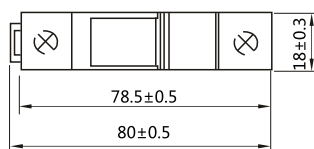
Type	Rated Current	Use	Net weight
SFPV-C	32A	PCB	3g



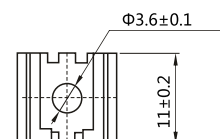
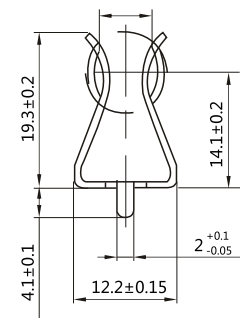
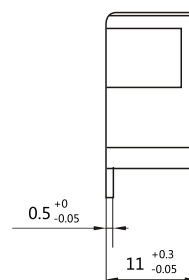
Dimensions (mm)



TH75 rail mounting



SFPV-25B(X)



SFPV-C

SFPV SERIES

gPV SQUARE TUBE Fuse link

Protection Category:gPV-Full-range protection against overload and short circuit

Compliance Standards:IEC 60269-6

Typical Applications:

- Interrupting overload currents caused by faulty PV arrays
- Protection of photovoltaic (PV) combiner boxes and isolation switches

Product Features:

- Low temperature rise and power consumption, long service life
- Standardized dimensions, compact structure
- Suitable for support brackets/bases

TYPE: SFPVNH0 NH0

Rated Voltage :
DC1000V

Breaking capacity:
50kA

Standard:
IEC60269-6
GB/T13539.6

ISO9001 IATF16949

Rated Current	I ² t (A ² s)		Power loss (w) 1.0 In	Net weight
	Melting	Clearing		
40	140	1200	8.0	224g
50	159	1431	11.0	
63	467	4203	12.0	
80	638	5742	15.50	
100	1300	11700	16.50	



TYPE: SFPVNH1 NH1

Rated Voltage:
DC1000V

Breaking capacity:
50kA

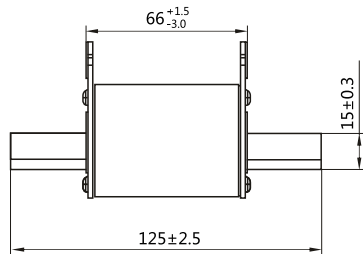
Standard:
IEC60269-6
GB/T13539.6

ISO9001 IATF16949

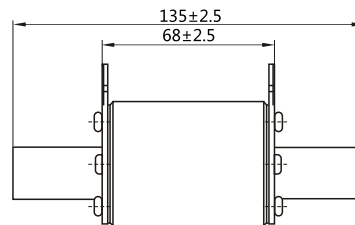
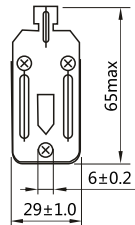
Rated Current	I ² t (A ² s)		Power loss (w) 1.0 In	Net weight
	Melting	Clearing		
50	159	1431	11.0	427g
63	467	4203	12.0	
80	638	5742	15.50	
100	1300	11700	16.50	
125	2547	22923	17.50	
160	5198	46782	22.00	



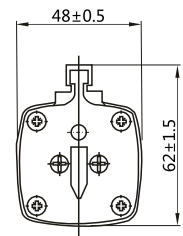
Dimensions (mm)



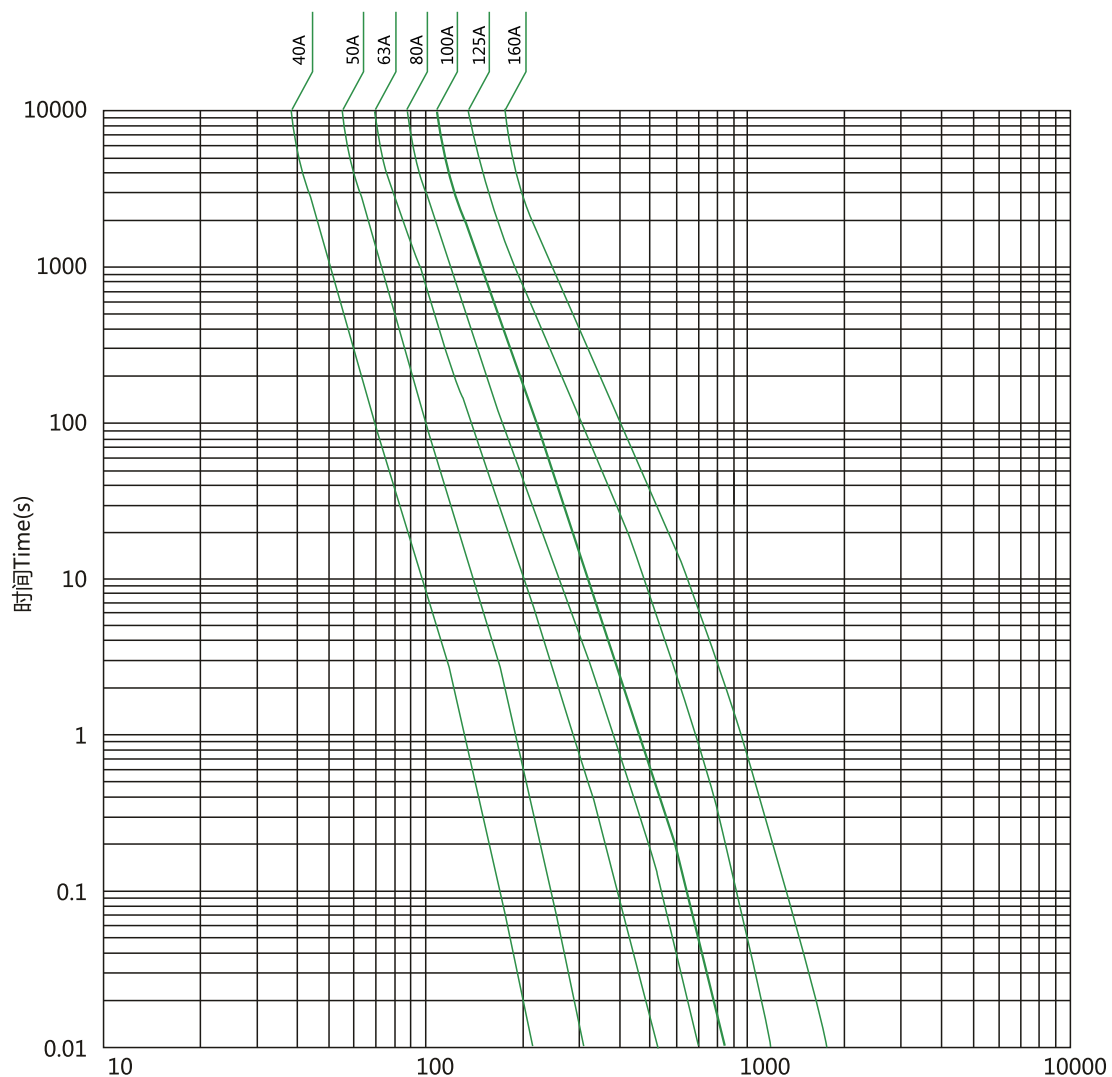
SFPVNH0



SFPVNH1



Time-current Curves



SFPV SERIES

gPV SQUARE TUBE Fuse base

Compliance Standards: IEC 60269-6

Product Features:

- Low temperature rise and power consumption, long service life
- Standardized dimensions, compact structure
- DMC grade

TYPE:
SFPVNH0B
NH0
DC1000V

Type	Rated Current	Fuse link size	Net weight
SFPVNH0B	100A	SFPVNH0	205g

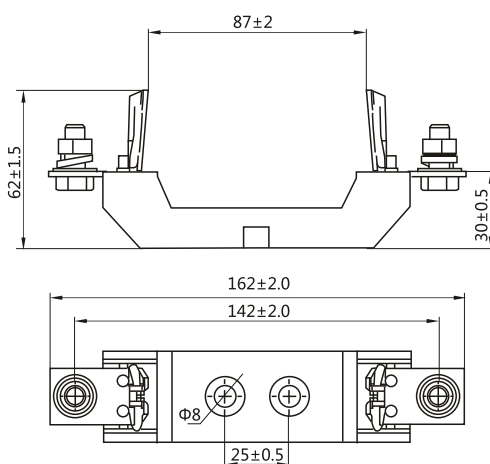


TYPE:
SFPVNH1B
NH1
DC1000V

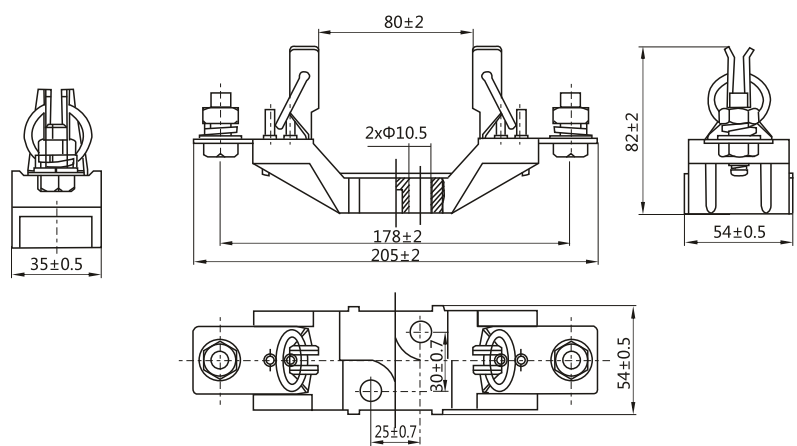
Type	Rated Current	Fuse link size	Net weight
SFPVNH1B	160A	SFPVNH1	400g



Dimensions (mm)



SFPVNH0B



SFPVNH1B

SFPV SERIES

gPV CYLINDRICAL Fuse link

Protection Category: gPV-Full-range protection against overload and short circuit

Compliance Standards: IEC 60269-6

Typical Applications:

- Interrupting overload currents caused by faulty PV arrays
- Protection of photovoltaic (PV) combiner boxes and isolation switches

Product Features:

- Low temperature rise and power consumption, long service life
- Standardized dimensions, compact structure
- Suitable for support brackets/bases

TYPE:
SFPV -32
10(14)X85

Rated Voltage :
DC1500V

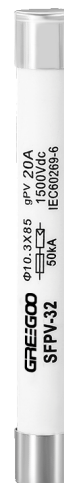
Breaking capacity :
50kA

TUV

Standard :
IEC60269-6
GB/T13539.6

ISO9001 IATF16949

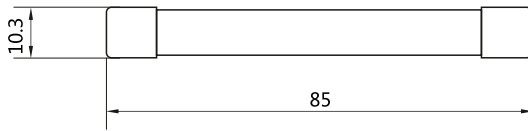
Rated Current	I ² t (A ² s)		Power loss (w) 1.0 In	Net weight
	Melting	Clearing		
2A	3.5	12	1.5	19g
3A	8	18	1.8	
4A	16	35	2.0	
5A	30	66	2.1	
6A	46	130	2.3	
8A	55	200	2.7	
10A	70	270	3.2	
12A	95	360	3.5	
15A	130	400	4.0	
20A	220	750	4.8	
25A	350	1000	5.0	



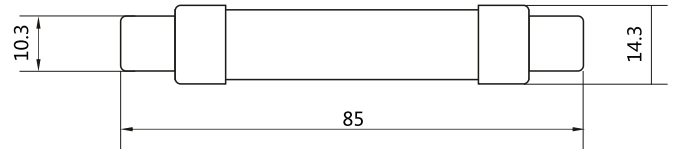
Rated Current	I ² t (A ² s)		Power loss (w) 1.0 In	Net weight
	Melting	Clearing		
30A	380	1400	5.6	31g
32A	390	1800	6.3	
35A	410	2000	7.4	
40A	460	2450	8.5	
45A	530	3200	9.6	
50A	600	3800	10.5	



Dimensions (mm)

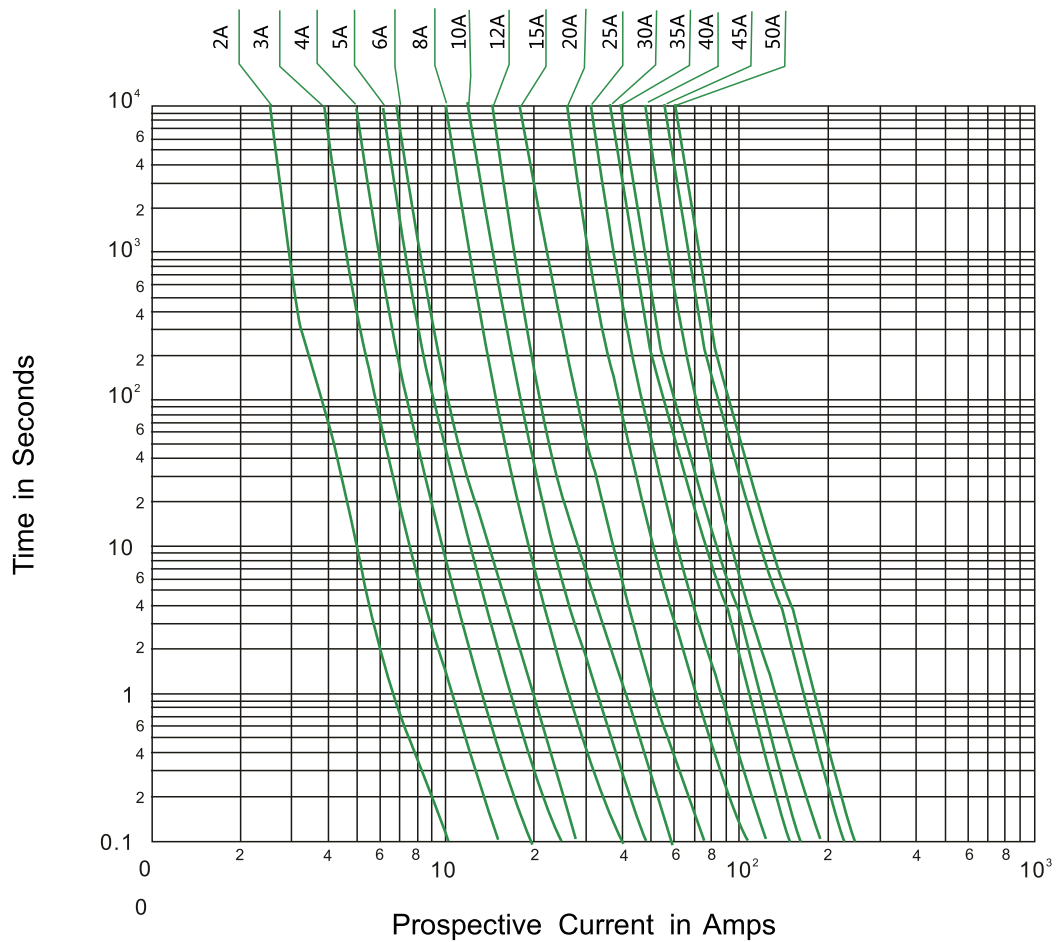


SFPV-32
10.3x85



SFPV-32
14.3x85

Time-current Curves



Solar Photovoltaic Energy Fuses

DC1500V

SFPV SERIES

gPV CYLINDRICAL Fuse holder

Protection Category: gPV-Full-range protection against overload and short circuit

Compliance Standards:
IEC 60947-1, IEC 60947-3

Typical Applications:

- Interrupting overload currents caused by faulty PV arrays
- Protection of photovoltaic (PV) combiner boxes and isolation switches

Product Features:

- Low temperature rise and power consumption, long service life
- Standardized dimensions, compact structure
- Suitable for support brackets/bases

TYPE:
SFPV -32B(X)
For size
10(14)X85

Rated Voltage :
DC1500V

Breaking capacity :
50kA

TUV
Standard:
IEC60947-1
IEC60947-3

ISO9001 IATF16949

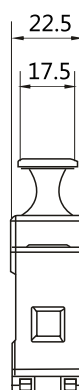
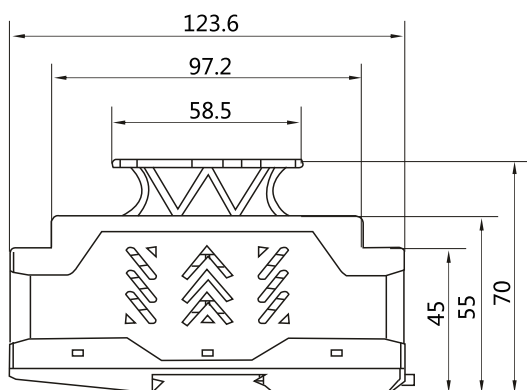
Type	Rated Current	led indicator	Net weight
SFPV -32B	50A	NO.	117g



Type	Rated Current	led indicator	Net weight
SFPV -32BX	50A	YES.	120g



Dimensions (mm)



SFPV SERIES

gPV SQUARE TUBE Fuse link

Protection Category: gPV-Full-range protection against overload and short circuit

Compliance Standards: IEC 60269-6

Typical Applications:

- Interrupting overload currents caused by faulty PV arrays
- Protection of photovoltaic (PV) combiner boxes and isolation switches

Product Features:

- Low temperature rise and power consumption, long service life
- Standardized dimensions, compact structure
- Suitable for support brackets/bases

TYPE:
SFPVNH1XL
NH1XL

Rated Voltage :
DC1500V
Breaking capacity :
50kA

Standard:
IEC60269-6
GB/T13539.6

Rated Current	I ² t (A ² s)		Power loss (w) 1.0 In	Net weight
	Melting	Clearing		
63A	500	1250	22	960g
80A	680	2300	24	
100A	1100	4200	29	
125A	2000	8000	35	
160A	5200	19000	42	
200A	9500	46000	52	
250A	16800	82000	60	



TYPE:
SFPVNH2XL
NH2XL

Rated Voltage :
DC1500V
Breaking capacity :
50kA

Standard:
IEC60269-6
GB/T13539.6

Rated Current	I ² t (A ² s)		Power loss (w) 1.0 In	Net weight
	Melting	Clearing		
125A	2000	8000	35	1250g
160A	5200	19000	42	
200A	9500	46000	52	
250A	16800	82000	60	
315A	40000	120000	72	
350A	44000	136000	80	
400A	56000	180000	88	



TYPE:
SFPVNH3XL
NH3XL

Rated Voltage :
DC1500V
Breaking capacity :
50kA

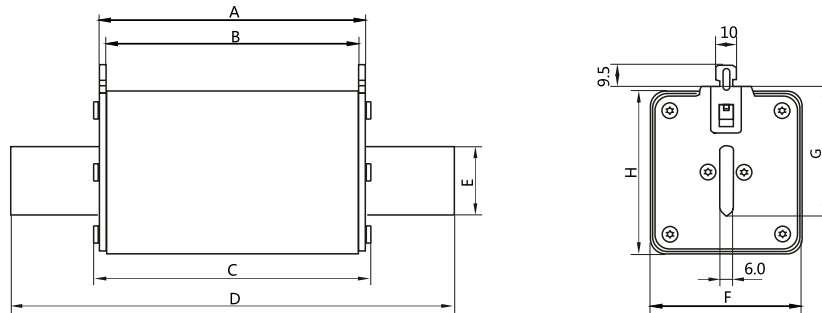
Standard:
IEC60269-6
GB/T13539.6

Rated Current	I ² t (A ² s)		Power loss (w) 1.0 In	Net weight
	Melting	Clearing		
350A	44000	136000	80	1600g
400A	56000	180000	88	
450A	60000	260000	95	
500A	70000	290000	106	
550A	80500	320000	112	
630A	89000	370000	126	



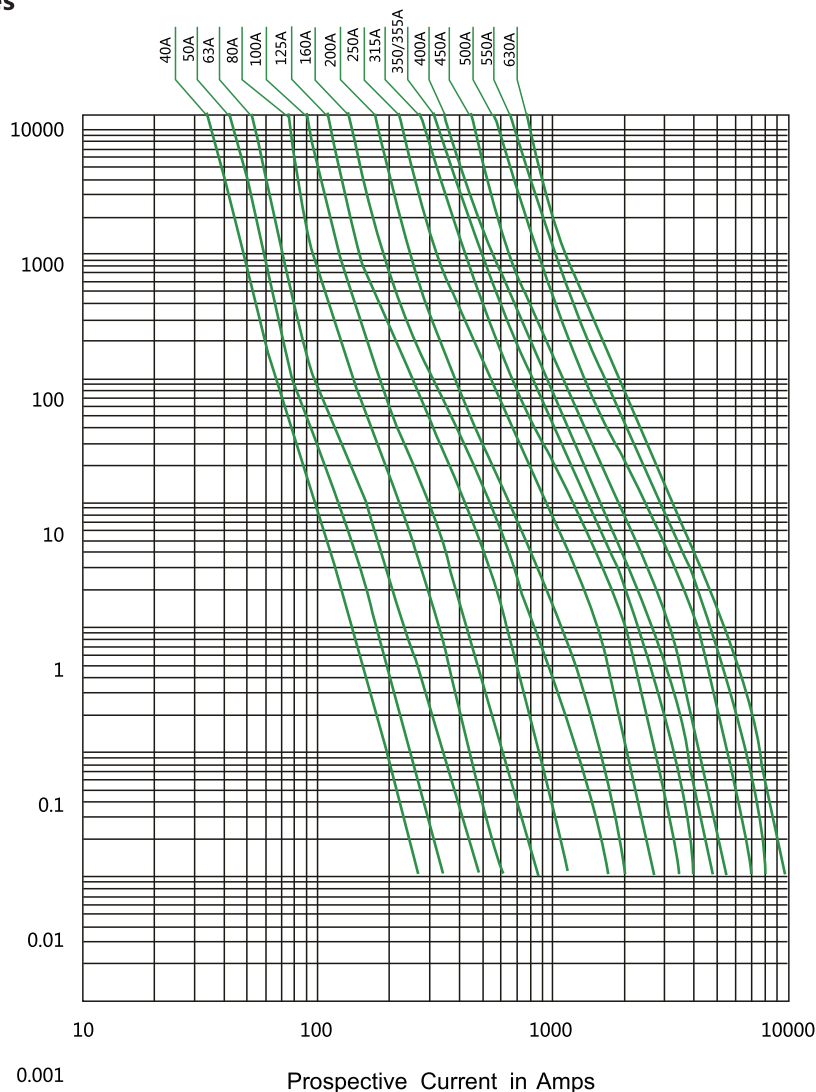
Solar Photovoltaic Energy Fuses

Dimensions (mm)



Type	A	B	C	D	E	F	G	H
SFPVNH1XL	119	114	123	191	25	6	39	51
SFPVNH2XL	119	114	123	202	32	6	51	60
SFPVNH3XL	120	114	125	202	32	6	57	74

Time - current Curves



SFPV SERIES

gPV SQUARE TUBE Fuse base

Compliance Standards: IEC 60269-6

Product Features:

- Low temperature rise and power consumption, long service life
- Standardized dimensions, compact structure

TYPE:
SFPVNH1XLB
NH1XL
DC1500V

Type	Rated Current	Fuse link size	Net weight
SFPVNH1XLB	250A	SFPVNH1XL	590g

TYPE:
SFPVNH2XLB
NH2XL
DC1500V

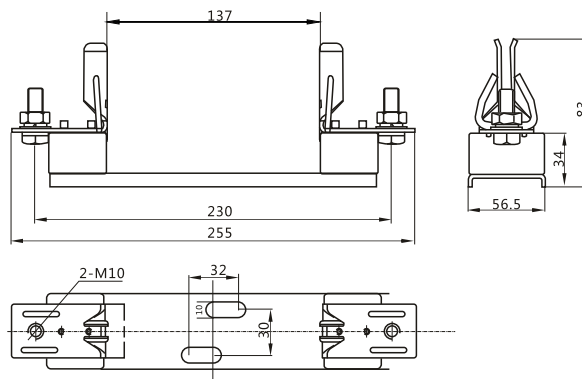
Type	Rated Current	Fuse link size	Net weight
SFPVNH2XLB	400A	SFPVNH2XL	685g

TYPE:
SFPVNH3XLB
NH3XL
DC1500V

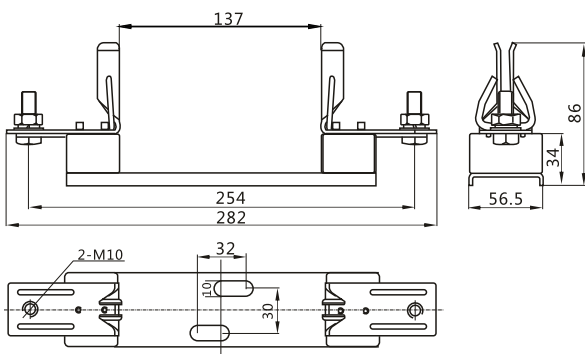
Type	Rated Current	Fuse link size	Net weight
SFPVNH3XLB	630A	SFPVNH3XL	930g



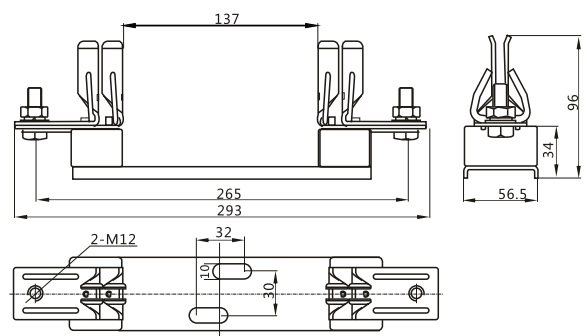
Dimensions (mm)



SFPVNH1XLB



SFPVNH2XLB



SFPVNH3XLB