

PROJOY electric

– Switch To Safety! –



PEDF-1000/1500 DC FUSE



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V1.0 20201228

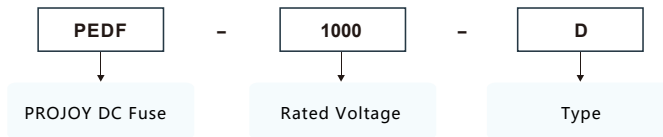
PEDF-1000 DC FUSE

Features

- Voltage range: 1000VDC.
- The maximum breaking capacity is 20kA, providing reliable protection.
- Innovative fuse replacement method makes the operation safer.
- When the fuse provides short circuit protection or severe overload protection to the distribution system, the fuse will be directly cut off, and the fuse can be replaced when it is confirmed that the fuse has not been seriously burned and there is no residual current.
- The indicator light is optional.



Select Code



Features of gPV Fuse

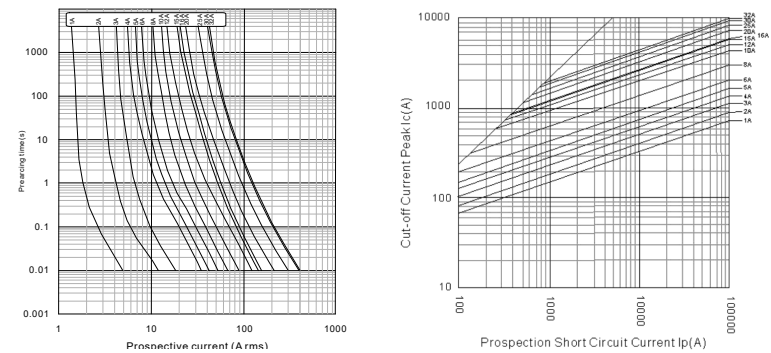
PEDF series melting core is made of pure silver and the variable cross section melt is enclosed in a melting tube made of high strength porcelain. The melting tube is filled with chemically treated high purity quartz sand and specially treated chemical substances as arc extinguishing medium. The two ends of the melt are firmly connected with the end cap by spot welding.

Agreed Time and Current

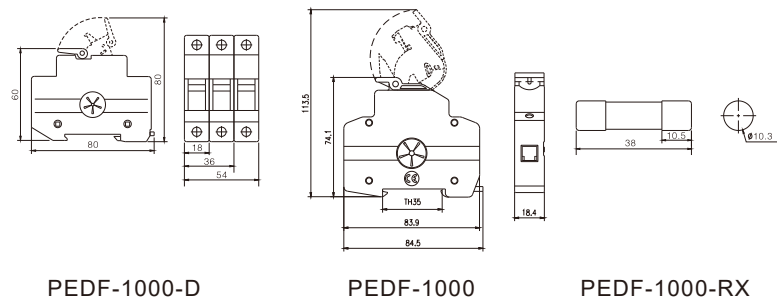
"gPV" represents a DC fuse with a full range of breaking capability for overcurrent protection of solar photovoltaic systems.

Rated current of fuse block A	Agreed Time h	Agreed Current	
$I_n \leq 63$	1	Inf	If
$63 < I_n \leq 160$	2	1.13I _n	1.45I _n
$160 < I_n \leq 400$	3		
$I_n > 400$	4		

Special graph



Dimension



Technical Data

Model	PEDF-1000、PEDF-1000-D
Poles	1P
Standard	IEC60269-1/IEC60269-6
Rated working voltage Ue VDC	1000V DC
Rated current In A	32A
Breaking capacity kA	20kA
Protection degree	IP20
Wire mm ²	1-25mm ²
Ambient temperature	-40°C~90°C
Elevation	≤2000m
Relative humidity	+20°C, ≤90%; +30°C, ≤80%; +40°C, ≤70%
Installation environment	Avoid obvious shock and vibration
Installation class	III
Mounting channel	TH35-7.5/DIN35 rail

gPV Fuse	PEDF-1000-RX
Rated working voltage Ue VDC	1000V DC
Rated current In A	1、 2、 3、 4、 5、 6、 8、 10、 12、 15、 16、 20、 25、 30、 32
Type	gPV
Dimension mm ²	10.3×38