



# PV String Fuse MC4FC

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## PV STRING FUSE

Model: MC4FC

Part No.: MB4-FPV-1500

Rated Voltage: 1500V

Optional fuse current: 15A/20A/25A/30A

Fuse size:  $\Phi 10 \times 38 \text{mm}$

Standard: IEC62852 for MC4FC Holder,  
IEC60296-6 EN60296-6 for Fuse



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### MC4FC

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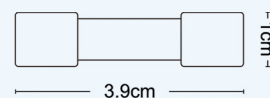
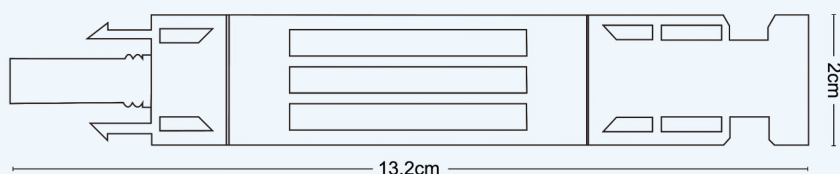
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The PV String fuse is connected in series with each string of photovoltaic modules to protect the inverter and other parallel PV strings. The fuse holder can be suitable for 1500V and below. The maximum current of the configured fuse shall not be higher than 30A

### External dimensions



Technical Parameter	
Model	MC4FC
Part No.	MB4-FPV-1500-25A
Rated Voltage	1500V DC
Rated Current	25A
Safety Class	Class II
Degree of protection	IP65 / IP68
Ambient temperature range	-40℃~85℃
Dissipated Power	4.5w
Flammability Class	V-0/5VA

Product Selection Form						
Part No.	Product Name	Model	Rated Voltage	Rated Current	Fuse Size (mm)	Dissipated power (W)
MB4-FPV-1500-15A	PV String Fuse	MC4FC	1500Vdc	15A	$\Phi 10 \times 38 \text{mm}$	$\leq 4.5 \text{W}$
MB4-FPV-1500-20A	PV String Fuse	MC4FC	1500Vdc	20A	$\Phi 10 \times 38 \text{mm}$	$\leq 4.5 \text{W}$
MB4-FPV-1500-25A	PV String Fuse	MC4FC	1500Vdc	25A	$\Phi 10 \times 38 \text{mm}$	$\leq 4.5 \text{W}$
MB4-FPV-1500-30A	PV String Fuse	MC4FC	1500Vdc	30A	$\Phi 10 \times 38 \text{mm}$	$\leq 4.5 \text{W}$



# CERTIFICATE



No. 3N240906.SECD85

Certificate's Holder: SOLAR EUROPE PTY., LTD  
Plot 541, Onderstepoort, Pretoria, Gauteng, South Africa

Manufacturer: SOLAR EUROPE PTY., LTD  
Plot 541, Onderstepoort, Pretoria, Gauteng, South Africa

Certification  
ECM Mark



Product: Connectors for photovoltaic systems  
Model(s): MB4-PV6-1500, MB4-PV10-1500, MB4-PV6-1000, MB4-BPV6-1000, MB4-DPV-1000, MB4-FPV-1000, 2T-PV-1000, 3T-PV-1000, 4T-PV-1000, 5T-PV-1000, 2Y-PV-1000, 3Y-PV-1000, 4Y-PV-1000, MB-CA-PV-1500, MB4-FPV-1500, F10MF-ST-1000, F15MF-ST-1500

Verification to: Standard:  
IEC 62852-2020, EN 62852:2015/A1:2020

related to CE Directive(s):  
2014/35/EU (Low Voltage)

**Remark:**

The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Ente Certificazione Macchine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned directive/standard. The verification activity carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. This document was issued in accordance with regulation RGVOL01 published on the website of [www.entecerma.it](http://www.entecerma.it) and concerning voluntary certifications with a non-notified procedure.

**Issuance date: 06 September 2024**

**Expiry date: 05 September 2029**

For online check:



Approver  
Ente Certificazione Macchine  
Legal Representative  
Luca Bedonni



**Ente Certificazione Macchine Srl**

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