

# PHOTOVOLTAIC FUSE-LINKS

## gPV FUSE-LINKS FOR PHOTOVOLTAIC APPLICATIONS

PV fuse-links for photovoltaic installations from DF Electric have been developed to offer a compact, safety and economic protection solution in photovoltaic installations where, due to the increase of the power and technologic evolution, no-load voltages above 800V DC are reached. Also meet the requirements for instruments (multimeters) and traction equipment auxiliary circuits. The range comprises 10x38 & 14x51 fuse-links with rated currents between 1A and 20A. Rated voltage is 600 V DC or 1000V DC (direct current). Provide protection against overloads as well as short-circuits. Made with ceramic tube with high withstand to internal pressure and thermal shock, that allows a high breaking capacity in a reduced physical space. Contacts are made of silver plated copper and melting elements are made of pure silver in order to avoid the aging and thus keep unalterable the electric characteristics. For these fuse-links we recommend the utilization of PMX 1000V fuse holders in single pole version or two-pole version.

[www.df-sa.es/photovoltaic/fuses/](http://www.df-sa.es/photovoltaic/fuses/)

10x38	$I_n$ (A)	REFERENCE	BREAKING CAPACITY (kA)	PACKING Uni./BOX
1000V DC	1	491601	30	10/100
	2	491602	30	10/100
	3	491604	30	10/100
	4	491605	30	10/100
	5	491606	30	10/100
	6	491610	30	10/100
	8	491615	30	10/100
	10	491620	30	10/100
	12	491625	30	10/100
	15	491629	30	10/100
	16	491630	30	10/100
	20	491635	30	10/100



600V DC	1	491901	30	10/100
	2	491902	30	10/100
	3	491904	30	10/100
	4	491905	30	10/100
	5	491906	30	10/100
	6	491910	30	10/100
	8	491915	30	10/100
	10	491920	30	10/100
	12	491925	30	10/100
	15	491929	30	10/100
	16	491930	30	10/100
	20	491935	30	10/100
25	491940	30	10/100	
30	491944	30	10/100	
32	491945	30	10/100	



14x51	$I_n$ (A)	REFERENCE	BREAKING CAPACITY (kA)	PACKING Uni./BOX
1000V DC	25	491650	30	10/50
	32	491655	30	10/50



STANDARDS  
IEC 60269-1  
IEC 60269-6  
UL 2579

APPROVALS  
Cd-Pb FREE  
RoHS compliant

TECHNICAL  
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COMPATIBLE  
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COMPATIBLE  
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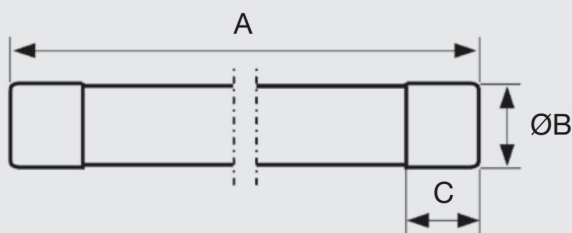
10x85	$I_n$ (A)	REFERENCE	BREAKING CAPACITY (kA)	PACKING Uni./BOX
1500V DC	2	492202	10	4/24
	4	492205	10	4/24
	6	492210	10	4/24
	8	492215	10	4/24
	10	492220	10	4/24
	12	492225	10	4/24
1200V DC	16	492230	10	4/24
	20	492235	10	4/24
	25	492240	10	4/24



492225

## TECHNICAL gPV FUSE-LINKS FOR PHOTOVOLTAIC APPLICATIONS DIMENSIONS

10x38  
14x51  
10x85



SIZE	A	B	C
10x38	38	10,3	10
14x51	51	14,3	10
10x85	85	10,3	10