

FUSE WSFL 10x85mm – 15A to 32A 1k5V**Weidmüller Interface GmbH & Co. KG**

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**gPV Solar Fuse Link for PV applications**

- For usage in solar DC Combiner boxes up to 1500V
- To be inserted in a Weidmüller PV fuse-holder model WSFH
- Cylindrical fuse links of 15A -16A - 20A- 25A- and 32A of 10x85mm

General ordering data

Models	4000002597 4000002609 4000002610 4000002611 4000002612	FUSE WSFL 10x85mm - 15A 1k5V FUSE WSFL 10x85mm - 16A 1k5V FUSE WSFL 10x85mm - 20A 1k5V FUSE WSFL 10x85mm - 25A 1k5V FUSE WSFL 10x85mm - 32A 1k5V
Order No.	4000002597 – 4000002609 4000002610 – 4000002611 4000002612	
Version	Solar fuse holder/fuse carrier for solar applications up to 1500V of operation voltage and up to 32A fuse rating gPV and 10x85mm	
VPE	5 pc(s).	

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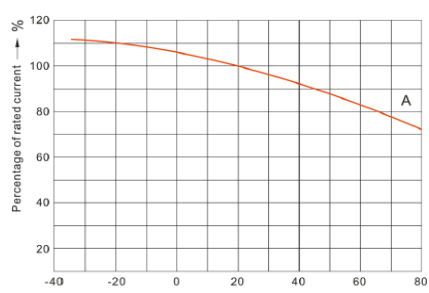
Technical data

Rated Voltage	1500Vdc	Maximum Rated current	32 Adc
Max dissipation power	<6,5W	Minimum Rated current	15Adc
Max breaking capacity	50kA	Maximum altitude no derating	2000 m.a.s.l.
Rated impulse voltage	8kV		
Ambient operation temp	-50°C up to +90°C		

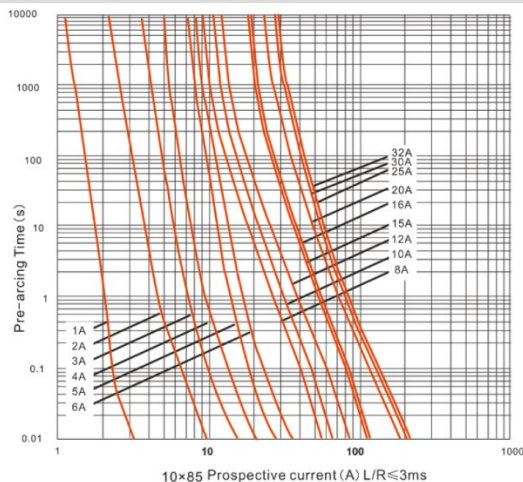
Technical derating info depending on altitude

Installation altitude (m)	Percentage of current derating (A)	Insulation performance (V)
2000	100%	100%
3000	95%	90%
4000	90%	80%
5000	85%	70%

Technical derating info depending on ambient temperature

T(°C)	A	Ambient temperature-bearing capacity curve
-20	1.10	
-10	1.08	 Curve A: photovoltaic fuse link curve
0	1.06	
10	1.03	
20	1.00	
30	0.96	
40	0.92	
50	0.88	
60	0.84	
70	0.78	
80	0.72	

Fusing characteristic curve and dissipation power



Rated current (A)	Pre-arcing I ² t	Total I ² t	0.7I _n (W)	1I _n (W)
15	59	432	1.8	3.5
16	63	460	2.0	4.0
20	112	822	2.1	4.5
25	197	1440	2.3	4.6
32	325	2370	2.6	6.2

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Length	85	mm	Diameter	10
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Other

Standard	IEC-60269-1:2006 , IEC-60269-6:2010, RoHS Compliant
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Applications	for indoor use
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Certification