

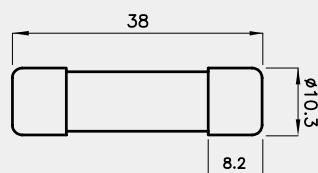
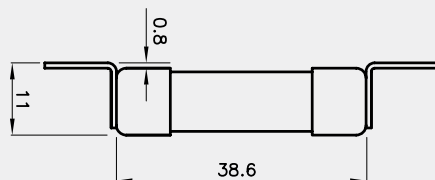
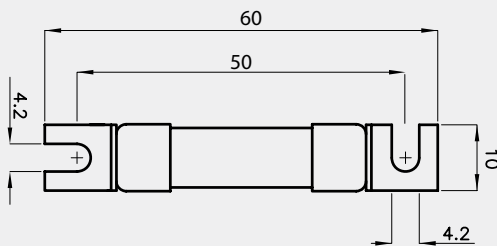
CH10 gPV 1000V - Fuse-links

General characteristics		UL file: E347771
Rated voltage	1000V d.c. L/R=2ms	
Rated current	0,5 - 25A	
Breaking capacity	10kA d.c. UL / 30kA d.c. IEC	
Standards	IEC 60269-6, UL 248-19	
Application	For protection of photovoltaic modules.	

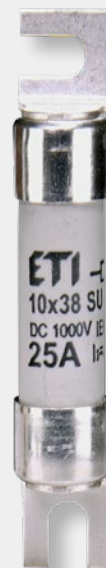


CH10x38 gPV 1000V d.c.

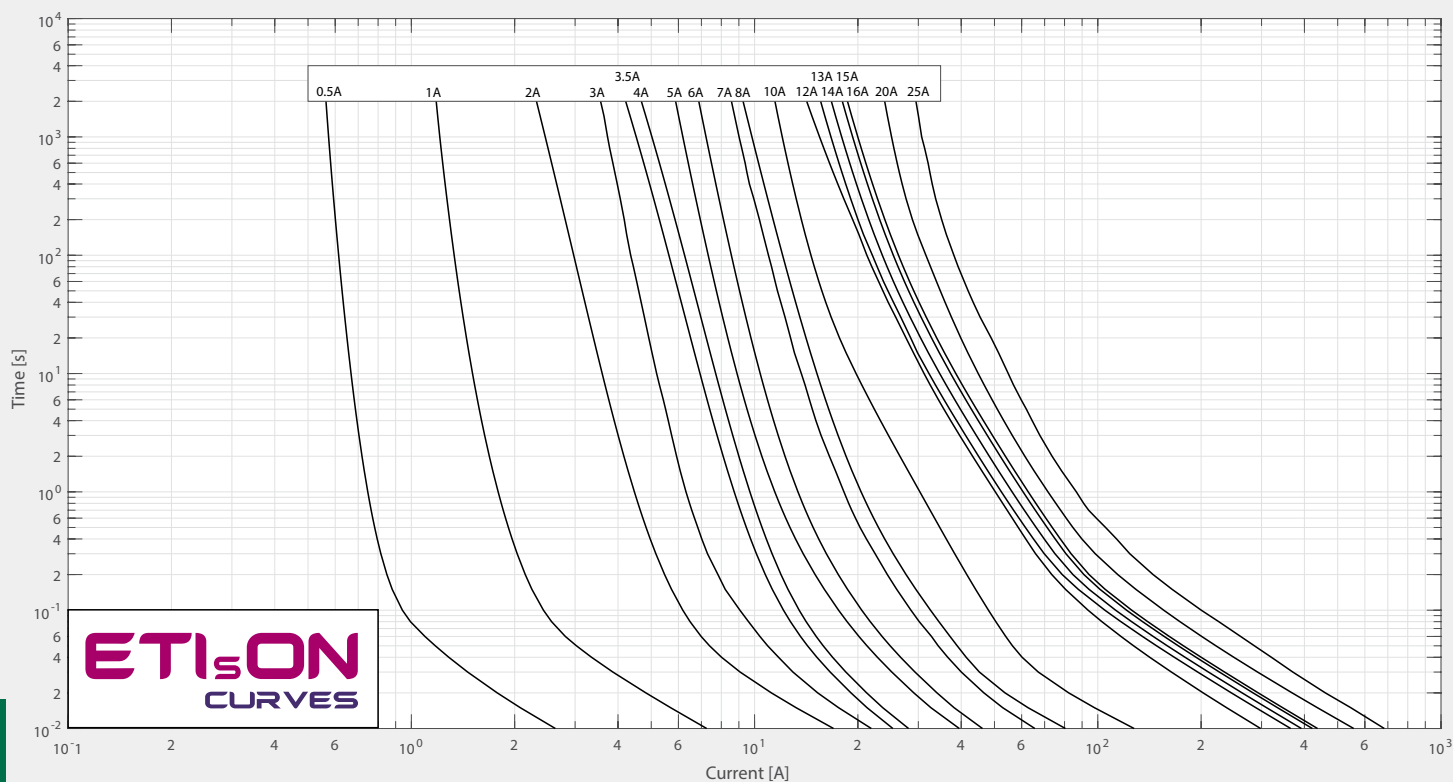
Size	Breaking capacity [kA]	I _n [A]	Code No. "standard contacts" 10kA UL	Code No. "standard contacts" 30kA IEC	Code No. "type SU contacts" 30kA IEC	Pre-arcing Joule integral [A ² s] L/R=2ms	Operating Joule integral [A ² s] L/R=2ms	Power dissipation [0,7 x I _n] P _d [W]	Power dissipation [I _n] P _d [W]	Weight [g]	Packaging [pcs]
10 x 38	UL 10kA IEC 30kA	0,5	/	002625134	002625131	0,02	0,07	0,2	0,5	10 SU: 12	10/500 SU:10/380
		1	/	002625138	002625129	1,5	3	0,4	1,0		
		2	002625101	002625065	002625115	1,7	2,3	0,5	1,1		
		3	002625100	002625067	002625113	2,8	5,4	0,7	1,6		
		3,5	002625135	002625068	002625127	2,5	7	0,6	1,4		
		4	002625102	002625069	002625116	3,9	11,7	0,5	1,3		
		5	002625111	002625070	002625124	8	21	0,6	1,5		
		6	002625103	002625071	002625117	10,6	34,6	0,7	1,8		
		7	002625110	002625072	002625114	16	60	0,7	1,7		
		8	002625104	002625073	002625118	17	65	0,8	1,9		
		10	002625105	002625075	002625119	8,3	33	1,0	2,4		
		12	002625106	002625077	002625120	22	73	0,8	1,9		
		13	002625137	002625078	002625128	21	70	1,0	2,3		
		14	002625136	002625079	002625126	28	92	1,3	3,0		
		15	002625112	002625080	002625125	49	145	1,0	2,2		
		16	002625107	002625081	002625121	48	147	1,1	2,6		
		20	002625108	002625085	002625122	86	245	1,3	3,2		
		25	/	002625139	002625140	110	470	1,7	4,1		



Standard
Contacts

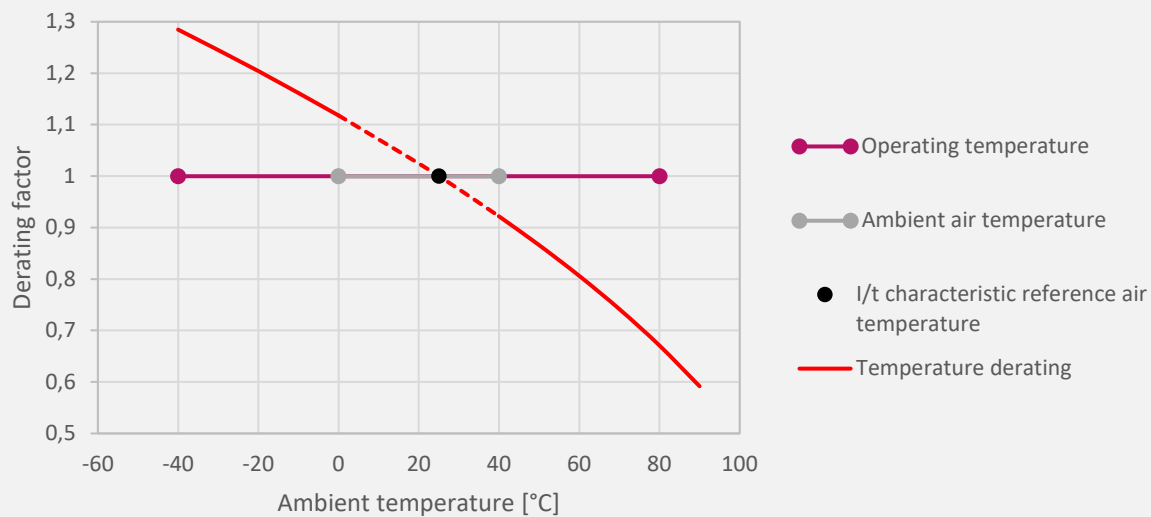


Type SU
Contacts



CH10x38 gPV I/t characteristics

Ambient air temperature of fuse-link



Legend:

T_{amb} – Ambient Temperature

TDF – Temperature Derating Factor

I_N – Nominal Current of Fuse-link

I_{TDF} – Nominal Current Including Temperature Derating Factor

$$\text{Current calculation: } I_{TDF} = I_N \times TDF$$

NEW generation cylindrical gPV 1500V fuse-links

Features of cylindrical gPV 1500V fuse-links

ETI developed a new generation of PV cylindrical fuse-links with nominal currents up to 63A and rated voltage up to 1500V, with gPV characteristic for protecting solar panels against the reverse current. New fuse-links have a lower power dissipation and higher breaking capacity up to 50 kA. Size 10/14x85 has a patented design for interrupting in case of short circuit conditions. All current range of fuse-links can be mounted in EFH 10/14x85 fuse-holder.

