

## A85 gPV 1500 VDC Fuse 10x85 mm



### FEATURES:

- 1500 VDC, 10x85 mm PV fuse link with glass-fiber body
- Rated Current: 1-30 A
- Rated Breaking Capacity: 30 kA
- Time Constant: 1-3 ms
- Special design with silver plated caps for high-power PV applications
- Standard: UL 248-19
- Approvals: UL (File: E490190)

### ELECTRICAL SPECIFICATIONS

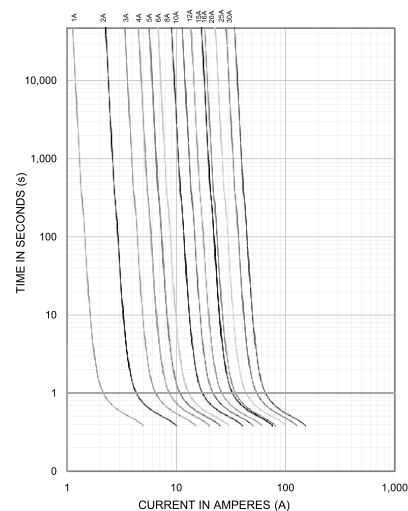
Part Number		Rated Current	Ampere Code	Breaking Capacity	I <sup>2</sup> t (A <sup>2</sup> s)		Dissipation (W)		Certifications
Cartridge	In-Line				Pre-Arcing	Total	0.8 I <sub>n</sub>	1.0 I <sub>n</sub>	UL
A851100b00	A851100b11	1 A	1100	30 kA@1500 VDC	59.15	125	0.4	0.7	●
A851200b00	A851200b11	2 A	1200		118.3	250	0.7	1.3	●
A851300b00	A851300b11	3 A	1300		177.5	375	0.8	1.4	●
A851400b00	A851400b11	4 A	1400		236.7	500	1.2	1.5	●
A851500b00	A851500b11	5 A	1500		295.8	625	1.3	1.6	●
A851600b00	A851600b11	6 A	1600		355.0	750	1.5	3.1	●
A851800b00	A851800b11	8 A	1800		473.3	1000	1.5	3.1	●
A852100b00	A852100b11	10 A	2100		591.7	1250	1.6	3.2	●
A852120b00	A852120b11	12 A	2120		710.0	1500	3.1	5.3	●
A852150b00	A852150b11	15 A	2150		887.5	1875	3.1	5.3	●
A852160b00	A852160b11	16 A	2160		946.4	2000	5.6	10.4	●
A852200b00	A852200b11	20 A	2200		710.0	1500	3.2	5.5	●
A852250b00	A852250b11	25 A	2250		887.5	1875	3.3	5.6	●
A852300b00	A852300b11	30 A	2300		1183.3	2500	3.6	6.0	●

Note: (1) Typical pre-arcing I<sup>2</sup>t measured at 10\*I<sub>n</sub> current

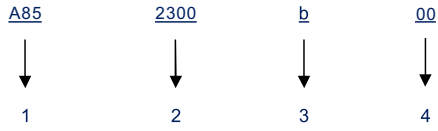
### TIME VS CURRENT CHARACTERISTIC

Rated Current	100%	135%	200%
1-30 A	>4 h	< 1 h	< 4 min

### TIME CURRENT CURVE(REFERENCE)



### PART NUMBER SYSTEM



- 1 ..... ProductSeries ..... A85
- 2 ..... Ampere Code ..... 30 A (see Ampere code column of electrical specifications)
- 3 ..... Rated Voltage ..... b: 1500V
- 4 ..... Supplementary Code ..... 00: Cartridge; 11: In-Line

### DIMENSIONS (mm)

