

A84 gPV 1500 VDC Fuse 14x51 mm



FEATURES:

- 1500 VDC, 14x51 mm PV fuse link with glass-fiber body
- Rated Current: 1-32 A (regular use)
1-50 A (single mount inline fuse)
- Breaking Capacity: 10 kA at 1500 VDC
- 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

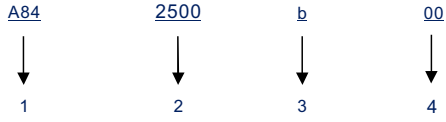
| Part Number | | Rated Current | Ampere Code | Breaking Capacity | I ² t (A ² s) | | Dissipation (W) | | Certifications |
|-------------|------------|---------------|-------------|-------------------|-------------------------------------|-------|--------------------|--------------------|----------------|
| Cartridge | In-Line | | | | Pre-Arcing | Total | 0.8 I _n | 1.0 I _n | UL |
| A841100b00 | A841100b11 | 1 A | 1100 | 10 kA@1500 VDC | 20 | 110 | 0.1 | 0.1 | ● |
| A841200b00 | A841200b11 | 2 A | 1200 | | 40 | 220 | 0.2 | 0.3 | ● |
| A841300b00 | A841300b11 | 3 A | 1300 | | 60 | 330 | 0.3 | 0.4 | ● |
| A841400b00 | A841400b11 | 4 A | 1400 | | 80 | 440 | 0.4 | 0.6 | ● |
| A841500b00 | A841500b11 | 5 A | 1500 | | 100 | 550 | 0.5 | 0.7 | ● |
| A841600b00 | A841600b11 | 6 A | 1600 | | 120 | 660 | 0.6 | 0.9 | ● |
| A841800b00 | A841800b11 | 8 A | 1800 | | 160 | 880 | 0.9 | 1.1 | ● |
| A842100b00 | A842100b11 | 10 A | 2100 | | 200 | 1100 | 1.1 | 1.4 | ● |
| A842120b00 | A842120b11 | 12 A | 2120 | | 240 | 1320 | 1.3 | 1.7 | ● |
| A842150b00 | A842150b11 | 15 A | 2150 | | 300 | 1650 | 1.6 | 2.2 | ● |
| A842160b00 | A842160b11 | 16 A | 2160 | | 320 | 1760 | 1.7 | 2.4 | ● |
| A842200b00 | A842200b11 | 20 A | 2200 | | 400 | 2200 | 2.1 | 2.9 | ● |
| A842250b00 | A842250b11 | 25 A | 2250 | | 500 | 2750 | 2.7 | 3.6 | ● |
| A842300b00 | A842300b11 | 30 A | 2300 | | 600 | 3300 | 3.2 | 4.3 | ● |
| A842320b00 | A842320b11 | 32 A | 2320 | | 640 | 3520 | 3.4 | 4.6 | ● |
| - | A842350b11 | 35 A | 2350 | | 700 | 3850 | 3.7 | 5 | ● |
| - | A842400b11 | 40 A | 2400 | | 800 | 4400 | 4.3 | 5.7 | ● |
| - | A842450b11 | 45 A | 2450 | | 900 | 4950 | 4.8 | 6.5 | ● |
| - | A842500b11 | 50 A | 2500 | | 1000 | 5500 | 5.3 | 7.2 | ● |

Note: (1) Typical pre-arcing I²t measured at 10*I_n current

TIME VS CURRENT CHARACTERISTIC

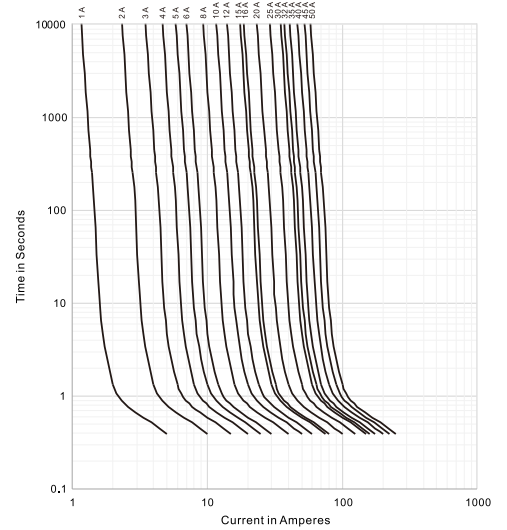
| Rated Current | 100% | 135% | 200% |
|---------------|------|-------|---------|
| 1-50 A | >4 h | < 1 h | < 4 min |

PART NUMBER SYSTEM



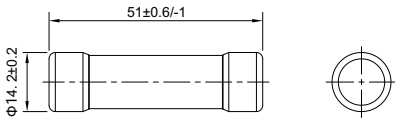
- 1..... Product Series A84
- 2..... Ampere Code 50 A (see Ampere code column of electrical specifications)
- 3..... Rated Voltage b: 1500 V
- 4..... Supplementary Code 00: Cartridge; 11: In-Line

TIME CURRENT CURVE(REFERENCE)



DIMENSIONS (mm)

A84xxxxb00



A84xxxxb01-b04

