

A89 gPV 1500 VDC Fuse 10x57 mm



FEATURES:

- 1500 VDC, 10x57 mm PV fuse link with glass-fiber
- Rated Current: 1-20 A
- Rated Breaking Capacity: 30 kA at 1500 VDC
- Time Constant: ≤ 1 ms
- Special design with silver plated caps for high-power PV applications
- Standard: UL 248-19
- Approval: UL (File: E490190)

ELECTRICAL SPECIFICATIONS

Part Number			Rated Current	Ampere Code	Breaking Capacity	Nom Cold Resistance (m Ω)	I ² t (A ² s)		Dissipation (W) 1.0 I _n	Certifications UL
10/12 AWG In-terminal	8 AWG In-terminal	Pre-Arcing					Total			
A891100b00	A891100bNK	A891100bN8	1 A	1100	30 kA@1500 VDC	1046	10	33.3	0.4	●
A891200b00	A891200bNK	A891200bN8	2 A	1200		255	20	66.7	0.7	●
A891300b00	A891300bNK	A891300bN8	3 A	1300		166	30	100.0	1.1	●
A891400b00	A891400bNK	A891400bN8	4 A	1400		97.3	40	133.3	1.4	●
A891500b00	A891500bNK	A891500bN8	5 A	1500		73.5	50	166.7	1.8	●
A891600b00	A891600bNK	A891600bN8	6 A	1600		50.3	60	200.0	2.1	●
A891800b00	A891800bNK	A891800bN8	8 A	1800		38.6	80	266.7	2.8	●
A892100b00	A892100bNK	A892100bN8	10 A	2100		19.13	100	333.3	3.5	●
A892120b00	A892120bNK	A892120bN8	12 A	2120		11.66	120	400.0	4.2	●
A892150b00	A892150bNK	A892150bN8	15 A	2150		9.16	150	500.0	5.3	●
A892160b00	A892160bNK	A892160bN8	16 A	2160		8.85	160	533.3	5.6	●
A892200b00	A892200bNK	A892200bN8	20 A	2200		6.62	200	666.7	7.0	●

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

TIME VS CURRENT CHARACTERISTIC

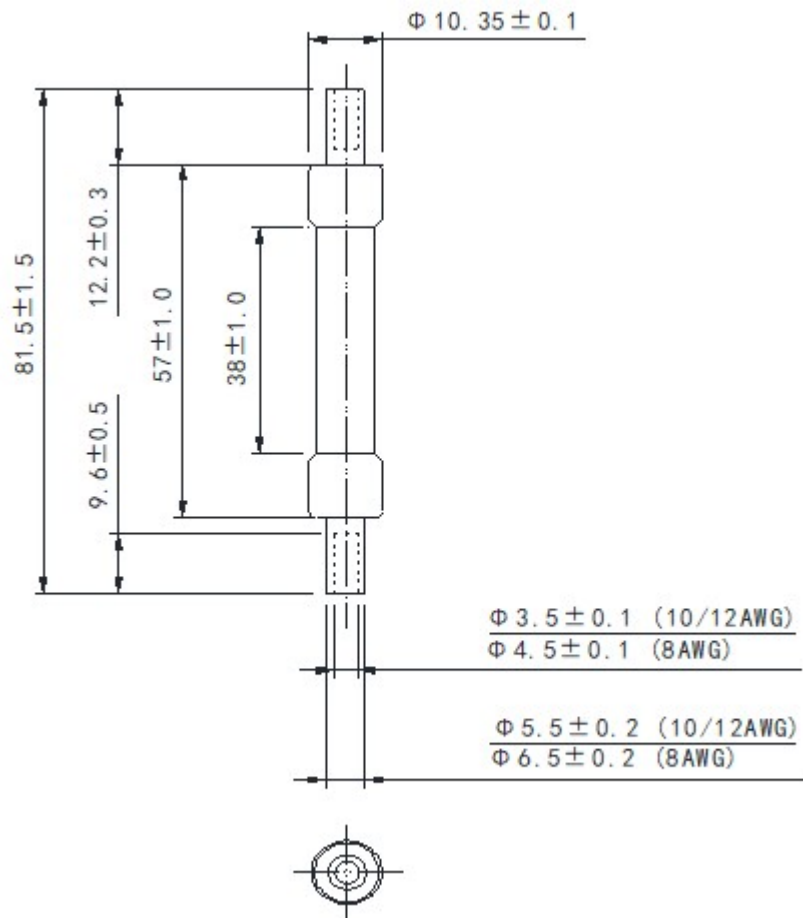
Rated Current	100 %	135 %	200 %
1-20 A	>4 h	<1 h	<4 min

APPLICATIONS:

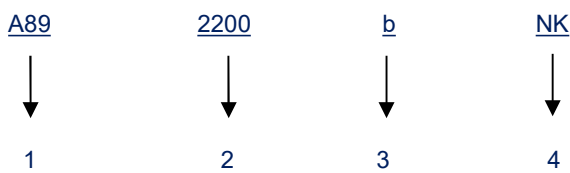
- PV combiner/ junction boxes
- Inverters
- Battery Charge Controllers

DIMENSIONS (mm)

**A89xxxxb00
A89xxxxbNK
A89xxxxbN8**



PART NUMBER SYSTEM



- 1Product SeriesA89
- 2Ampere Code20 A (see ampere code column of electrical specifications)
- 3Rated Voltageb: 1500 V
- 4Supplementary CodeNK: 10/12 AWG In-terminal; N8: 8 AWG In-terminal

Time Current Curve (reference)

