

A76 / A79 gPV 1500 VDC Fuse



FEATURES:

- 1500 VDC, 10x57 mm PV fuse link
- Rated Current: 1-6 A
- Max. Breaking Capacity: 10 kA
- 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

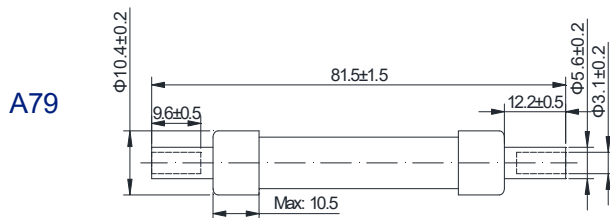
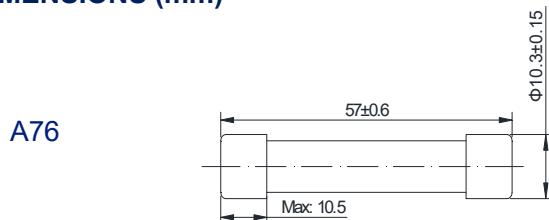
Part Number		Rated Current (A)	Breaking Capacity	WIRE RANGE CU Only (Solid/Stranded)	I ² t (A ² s)		Dissipation (W)
					Pre-Arcing	Total at 1500 V	100% I _n
A761100b00	A791100b00	1.0	10 kA@1500 VDC 20 kA@1500 VDC (self-tested)	10-12 AWG (6-4 mm ²)	2	12	2.1
A761250b00	A791250b00	2.5		10-12 AWG (6-4 mm ²)	3	15	2.1
A761300b00	A791300b00	3.0		10-12 AWG (6-4 mm ²)	5	21	2.1
A761350b00	A791350b00	3.5		10-12 AWG (6-4 mm ²)	15	56	2.2
A761400b00	A791400b00	4.0		10-12 AWG (6-4 mm ²)	18	68	1.85
A761600b00	A791600b00	6.0		10-12 AWG (6-4 mm ²)	60	200	2.1

Note: (1) DC cold resistance are measured at <10 % of rated current in ambient temperature of 25±5 °C

(2) Typical pre-arcing I²t measured at 10*I_n current

(3) For A79 use 10-12 AWG (6-4 mm²) lead wire; recommended crimping tool: T&B Sta-Kon ERG4002 or equivalent.

DIMENSIONS (mm)



APPLICATIONS:

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

TIME VS CURRENT CHARACTERISTICS

Rated Current	100 %	135 %	200 %
1 A-6 A	>4 h	<1 h	<4 min

Time Current Curve (reference)

