

## A76 / A79 gPV 1500 VDC Fuse 10x57 mm



### FEATURES:

- 1500 VDC, 10x57 mm PV fuse link
- Rated Current: 2.5-6 A
- Rated Breaking Capacity: 10 kA at 1500 VDC, 20 kA at 1500 VDC (Self-test)
- Time Constant:  $\leq 1$  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 $\Omega$ )            | I <sup>2</sup> t (A <sup>2</sup> s) |       | Dissipation (W) 1.0 I <sub>n</sub> | Certifications UL |   |
|-------------|-----------------------|-------------------|---------------|-------------|-------------------|--|-------------------------------------|-------|------------------------------------|-------------------|---|
| Cylindrical | 10/12 AWG In-terminal | 8 AWG In-terminal |               |             |                   |  | Pre-Arcing                          | Total |                                    |                   |   |
| A761250b00  | A791250b00            | A791250bNK        | A791250bN8    | 2.5 A       | 1250              | 10 kA@1500 VDC<br>20 kA@1500 VDC (Self-test) | 186                                 | 3     | 15                                 | 2.1               | ● |
| A761300b00  | A791300b00            | A791300bNK        | A791300bN8    | 3.0 A       | 1300              |  | 140                                 | 5     | 21                                 | 2.1               | ● |
| A761400b00  | A791400b00            | A791400bNK        | A791400bN8    | 4.0 A       | 1400              | 85.5   | 18                                  | 68    | 1.85                               | ●                 |   |
| A761600b00  | A791600b00            | A791600bNK        | A791600bN8    | 6.0 A       | 1600              | 40   | 60                                  | 200   | 2.1                                | ●                 |   |

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

### TIME VS CURRENT CHARACTERISTIC

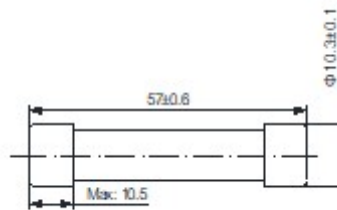
| Rated Current | 100 % | 135 % | 200 %  |
|---------------|-------|-------|--------|
| 2.5-6 A       | >4 h  | <1 h  | <4 min |

### APPLICATIONS:

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

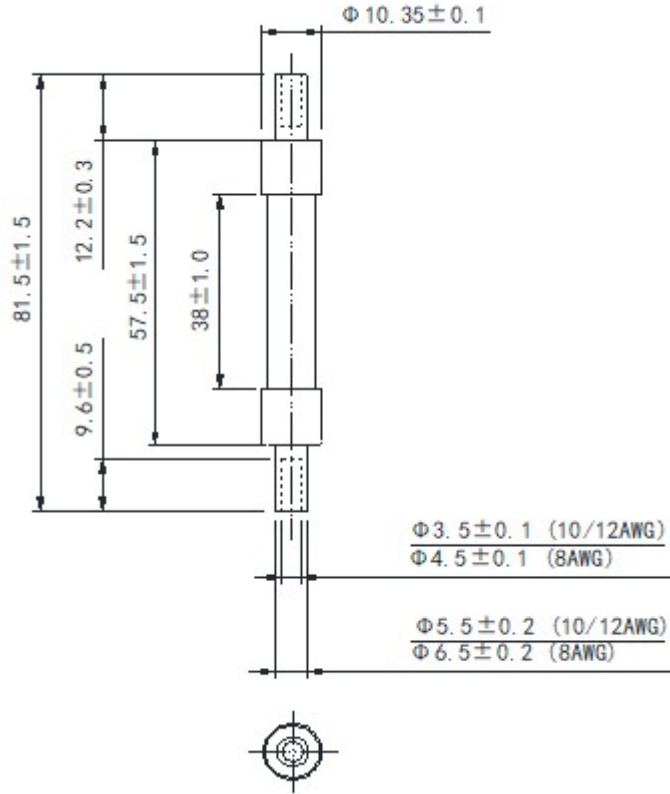
### DIMENSIONS (mm)

A76xxxxb00

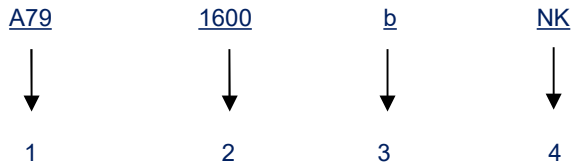


**DIMENSIONS (mm)**

**A79xxxxb00**  
**A79xxxxbNK**  
**A79xxxxbN8**



**PART NUMBER SYSTEM**



- 1 .....Product Series .....A79
- 2 .....Ampere Code .....6 A (see ampere code column of electrical specifications)
- 3 .....Rated Voltage .....b: 1500 V
- 4 .....Supplementary Code .....NK: 10/12 AWG In-terminal; N8: 8 AWG In-terminal

Time Current Curve (reference)

