

A95 gPV 1500 Vdc Fuse 24x65 mm



FEATURES

- 1500 Vdc, 24x65 mm PV fuse link with glass-fiber body
- Rated Current: 20-80A
- Breaking Capacity: 30 kA at 1500 Vdc
- Time Constant: 1-3 ms
- Special design with silver plated caps for high-power PV applications
- Customizable for special applications
- BH500, BH501 holders for DIN rail mounting

APPLICATIONS

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

AGENCY INFORMATION

- Approvals: UL 248-19 (File: E490190)、TUV(File:50522495)
- Approvals: IEC 60269-6
- Manufactured under IATF 16949 quality system
- RoHS and REACH Compliant

ELECTRICAL SPECIFICATIONS

Cylindrical	Part Number				Rated Current	Amper e Code	Breaking Capacity	I ² t (A ² s)		Dissipation (W)		Certification	
	2 AWG In-terminal	4 AWG In-terminal	6 AWG In-terminal	8 AWG In-terminal				Pre-Arcing	Total	0.7 I _n /0.8 I _n	1.0 I _n	UL	TUV
A952200b00	---	---	---	A952200b06	20A	2200	30 kA@1500 Vdc	135	340	2.6	6.5	●	○
A952250b00	---	---	---	A952250b06	25A	2250		340	850	3.8	6.8	●	○
A952300b00	---	---	---	A952300b06	30A	2300		540	1350	5.5	7.1	●	○
A952350b00	---	A952350b02	A952350b03	---	35 A	2350		1600	5100	6	7.5	●	●
A952400b00	---	A952400b02	A952400b03	---	40 A	2400		3000	6500	6.6	8.2	●	●
A952450b00	---	A952450b02	A952450b03	---	45 A	2450		4500	8500	6.8	8.5	●	●
A952500b00	---	A952500b02	A952500b03	---	50 A	2500		7000	14500	7.2	9	●	●
A952550b00	---	A952550b02	A952550b03	---	55 A	2550		8500	15500	8	10	●	●
A952600b00	A952600b01	A952600b02	A952600b03	---	60 A	2600		10500	19000	8.8	11	●	●
A952630b00	A952630b01	A952630b02	A952630b03	---	63 A	2630		11000	20000	9.0	11.2	●	●
A952650b00	A952650b01	A952650b02	A952650b03	---	65 A	2650		12000	22000	9.6	12	●	●
A952700b00	A952700b01	A952700b02	A952700b03	---	70 A	2700		16500	29000	10.4	13	●	●
A952800b00	A952800b01	A952800b02	A952800b03	---	80 A	2800		20000	33000	12.8	16	●	●

Note: 1. ○:in progress; ●:Certification completed;

2.Dissipation (W): 20-30A --0.7I_n; 35-85A--0.8I_n

PACKING INFORMATION

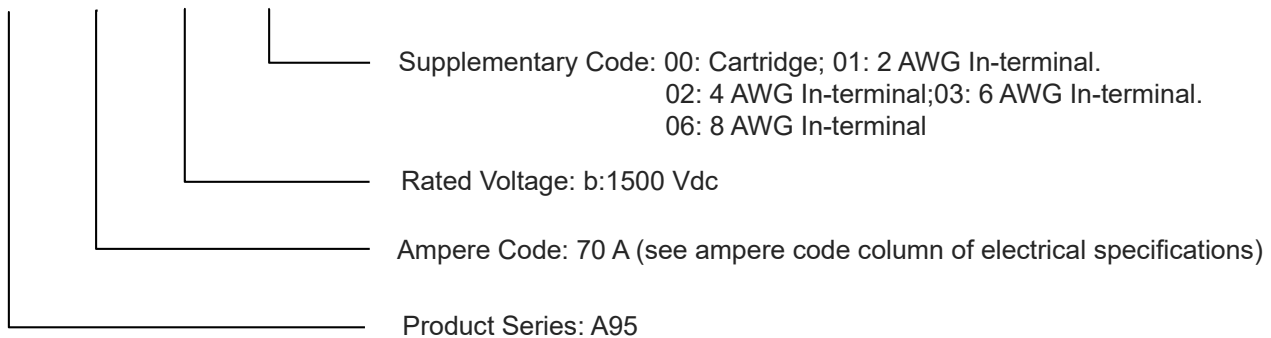
Part Number	PEP plastic bag (pcs)	Small carton box (pcs)	Packing quantity(pcs) Large cardboard box	Box specifications (mm)	Weight (kg)/ Each Large cardboard box
A95xxxxb00	8	16	112	410×215×160mm	7.7±3%
A95xxxxb01	5	10	70	410×215×160mm	10.1±3%
A95xxxxb02					
A95xxxxb03					
A95xxxxb06					

TIME VS CURRENT CHARACTERISTIC

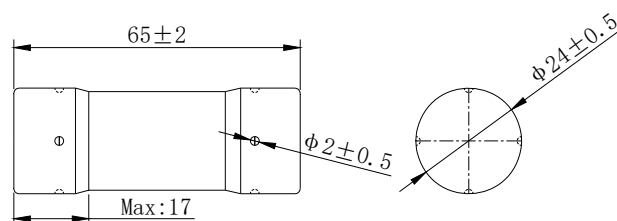
Standard	UL			IEC			
Rated Current	100 %	135 %	200 %	100 %	105%	113%	145 %
20-30 A	Temperature Stabilization	<1 h	<4 min	Temperature Stabilization	>1 h	-	<1 h
35-80 A	Temperature Stabilization	<1 h	<4 min	Temperature Stabilization	-	>1 h	<1 h

PART NUMBERING SYSTEM

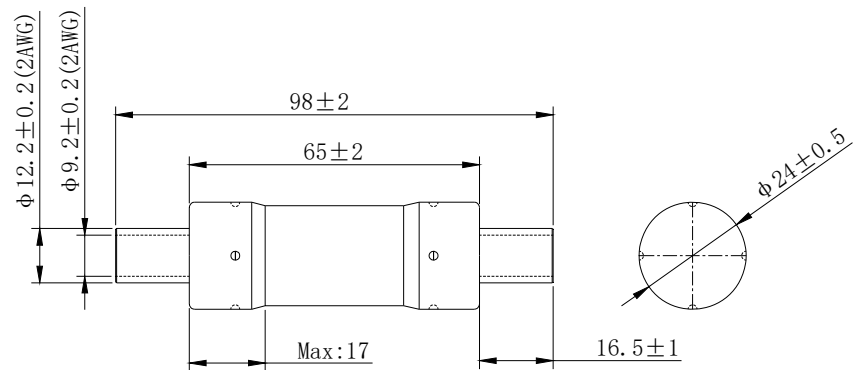
A95 2700 b 00


DIMENSIONS (mm)

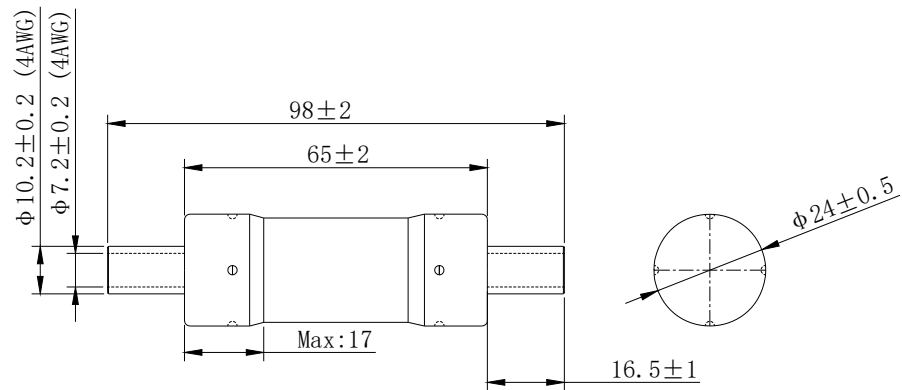
A95xxxxb00



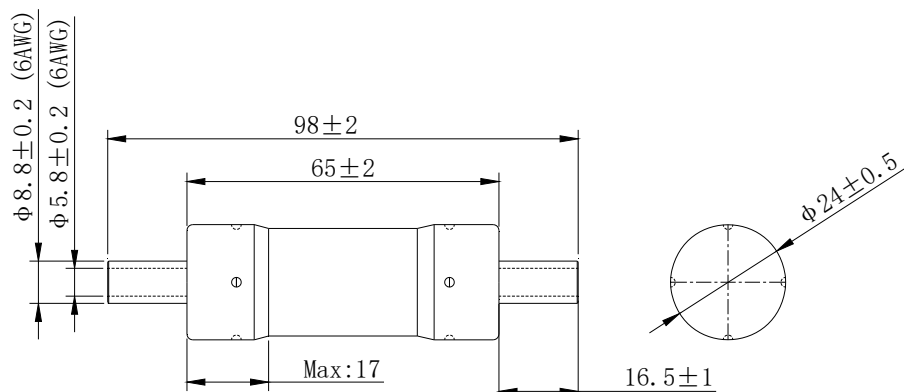
A95xxxxb01



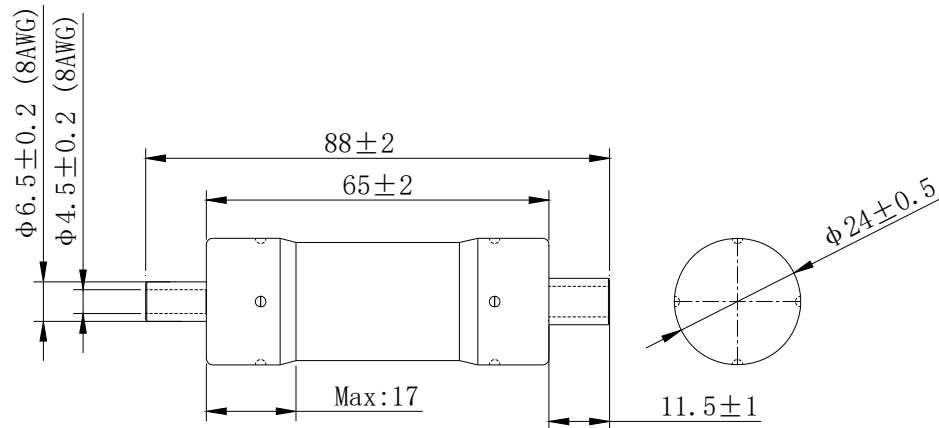
A95xxxxb02



A95xxxxb03



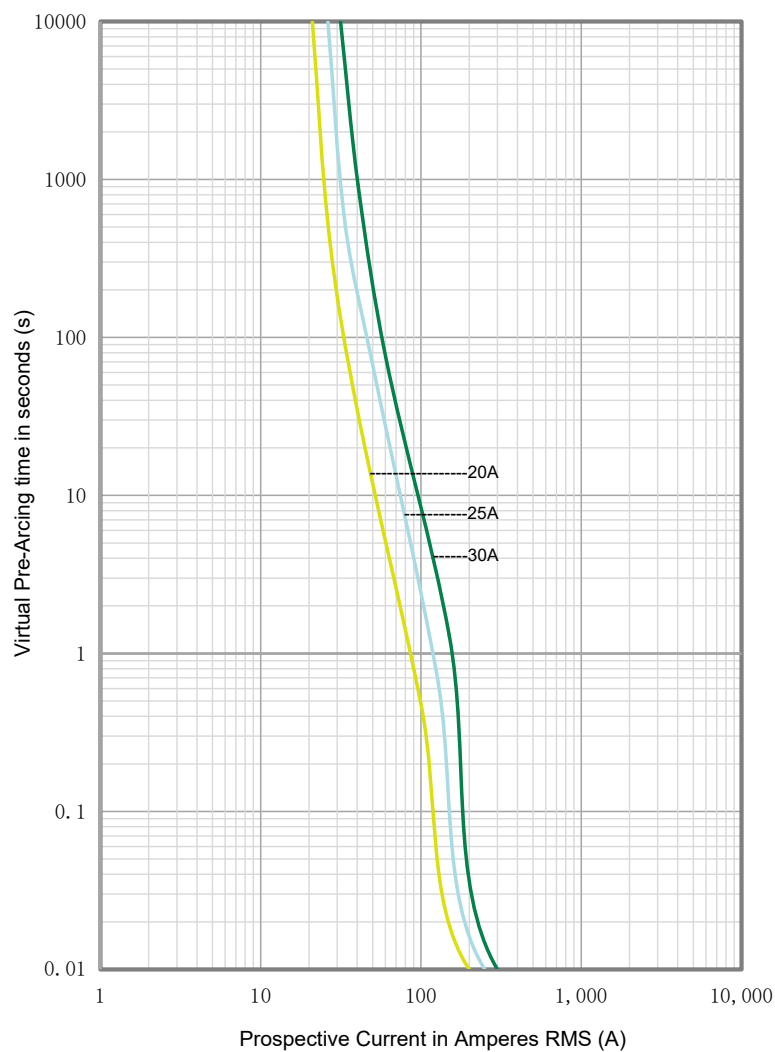
A95xxxxb06



TIME CURRENT CURVE

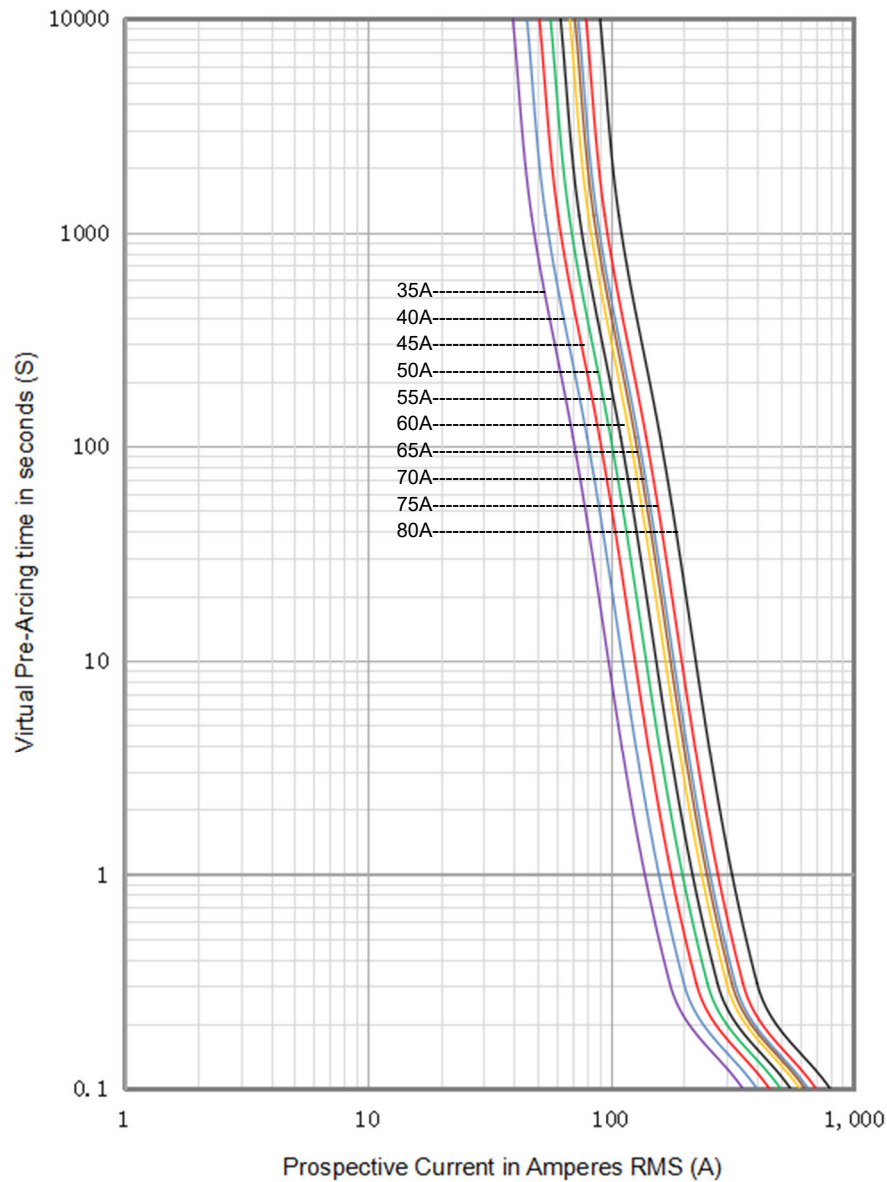
20A-30A

I-T Curve



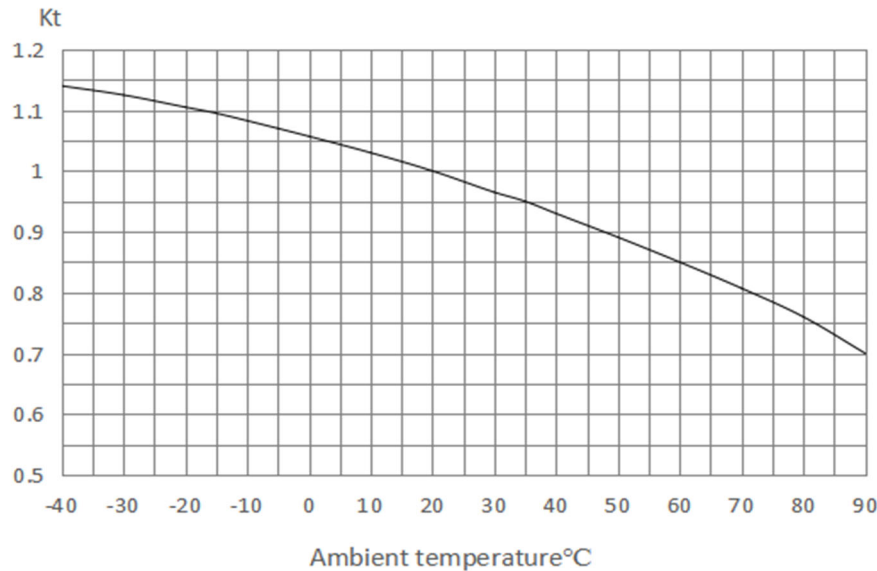
35-80 A

Average Current Curve(I-T Curve)



TEMPERATURE CORRECTION CURVE

When the fuse is operating below -5°C or above 40°C , the rated current needs additional modification. The correction factor is K_t .



OPERATION CONDITIONS

Where the following conditions apply, fuses complying with this standard are deemed capable of operating satisfactorily without further qualification.

- Normal temperature: $-5^{\circ}\text{C} \sim 40^{\circ}\text{C}$, permissible operating temperature: $-40^{\circ}\text{C} \sim 90^{\circ}\text{C}$.
- The altitude of the site of installation of the fuses should not exceed 2000 m above sea level and permissible altitude site of installation does not exceed 5000m.
- The air should be clean and it's relative humidity does not exceed 50% at the maximum temperature of 40°C .
- Higher relative humidity is permitted at lower temperatures, e.g. 90% at 20°C .
- Under these conditions, moderate condensation may occasionally occur due to variation in temperatures.
- For operating conditions other than detailed above, please contact manufacturer.

STORAGE

During transportation and storage, avoid water seepage and mechanical damage.

WEB RESOURCES

Download the latest technical documents: www.adlerelectric.com. Specifications are subject to change without notice.