

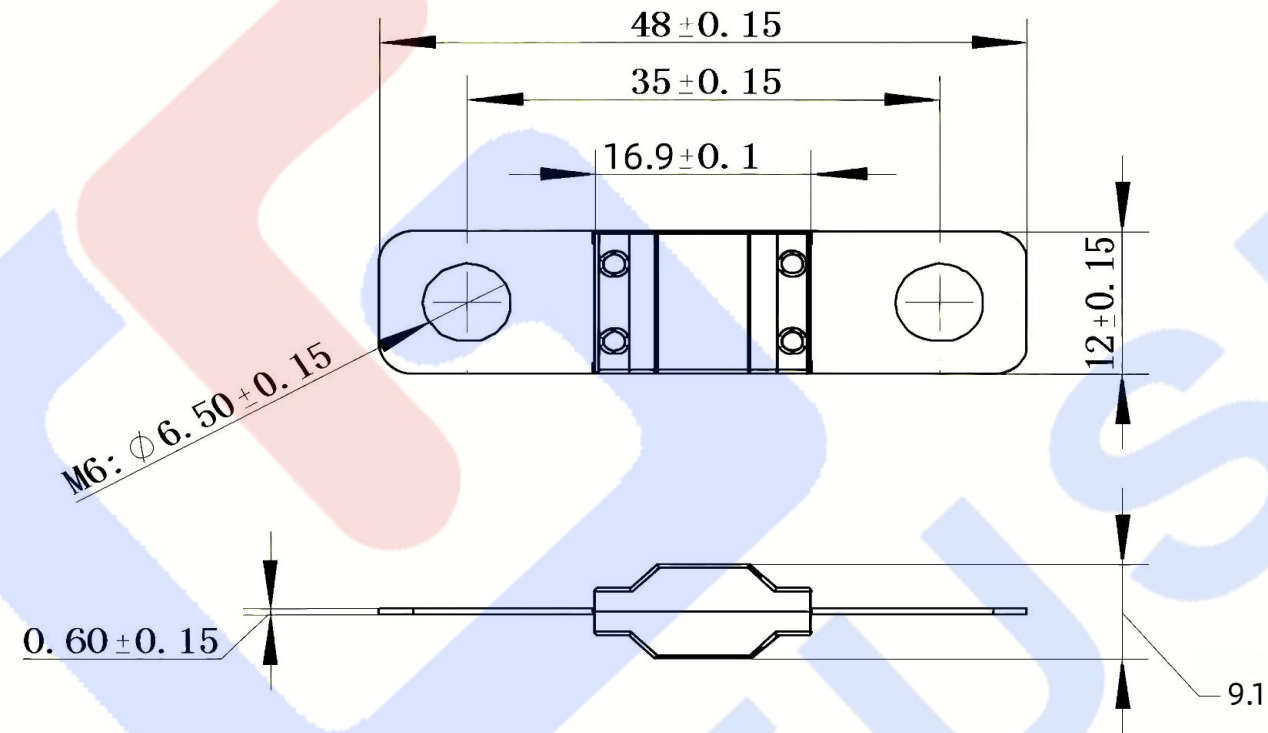
Dongguan GongFu Electronic Co. Ltd.



High-Speed Fuses (Ess Fuse)

ANL-C125SF35 Series High Current Bolt-Down Automotive Fuse

1. Dimensions- mm



2. Product Features

- ❖ Mild Hybrid Vehicles
- ❖ Vehicle Power Distribution (Electric Vehicles, Electric Motorcycles)
- ❖ Material Handling Systems
- ❖ All Supercapacitors and Battery Systems
- ❖ High Current Line Protection
- ❖ Compact Design for High Current Applications

TEL:86 0769-82391938 81100206 FAX:86 0769-82391939

<https://EssFuse.com>

<https://www.dcfuselink.com>

- ❖ Rated Voltage: Below 125Vdc
- ❖ Plastic Housing (PBT, PPS, Ceramics), Screw-on Terminal Design
- ❖ Compliant with: UL248-13 Standard
- ❖ Operating Temperature: -40 to 125°C degrees

3. Electrical Characteristics

% of Rating	Opening Time Min / Max
	50A - 350A
100	4H / ∞
300	~/10S

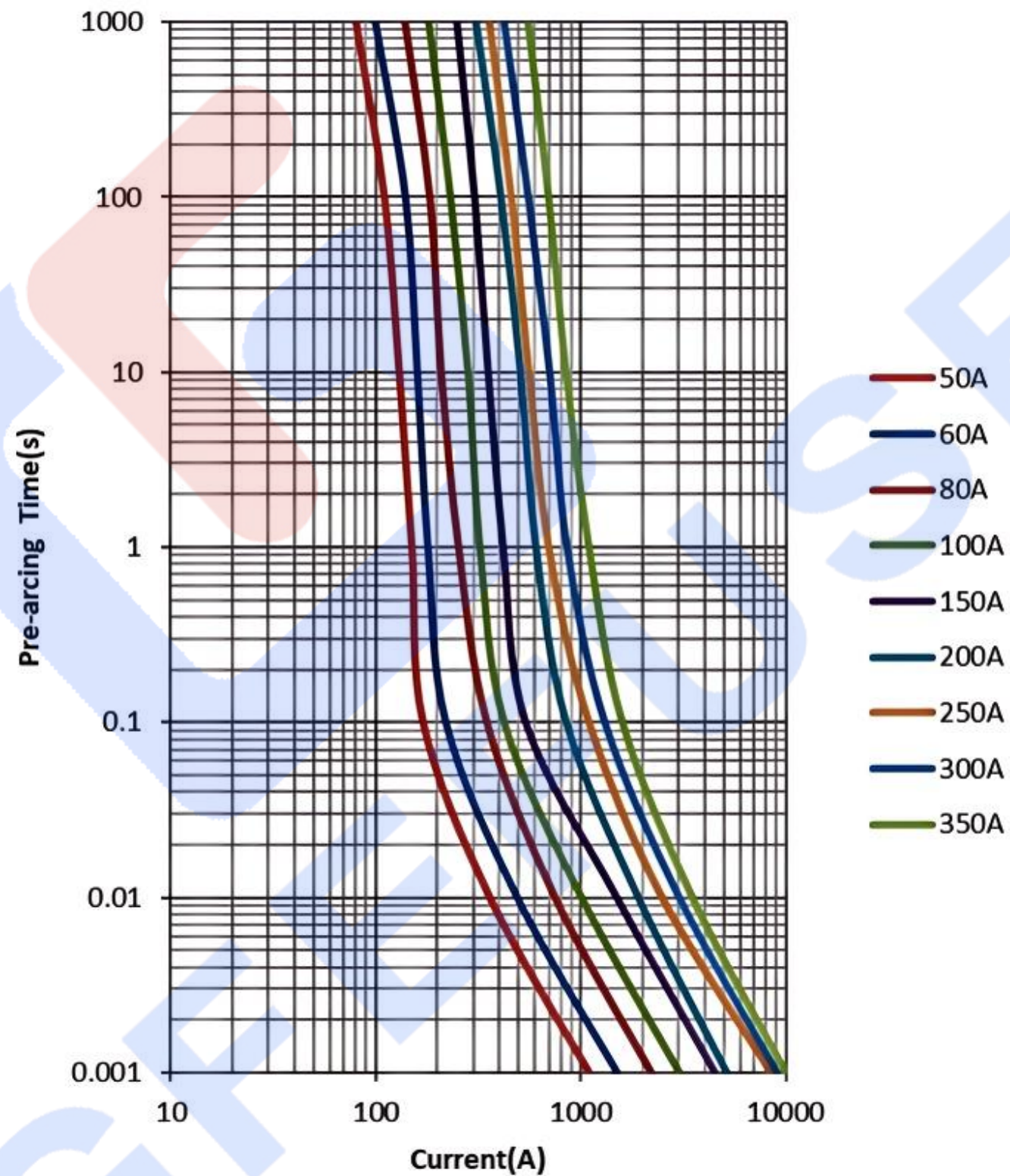
4. Product specifications

Part Number	Rated current (A)	Voltage Rating (v)	Melting I ² t(Pre-arcing)	Arcing I ² t A ² s	Clearing I ² t(Total)
			A ² s	A ² s	A ² s
ANL-C125050SF35	50A	48V 63V 80V 125V	250	150	400
ANL-C125060SF35	60A		360	216	576
ANL-C125080SF35	80A		640	384	1024
ANL-C125100SF35	100A		1250	750	2000
ANL-C125150SF35	150A		2230	1338	3568
ANL-C125200SF35	200A		5400	3240	8640
ANL-C125250SF35	250A		9600	5760	15360
ANL-C125300SF35	300A		21800	13080	34880
ANL-C125350SF35	350A		38500	23100	61600

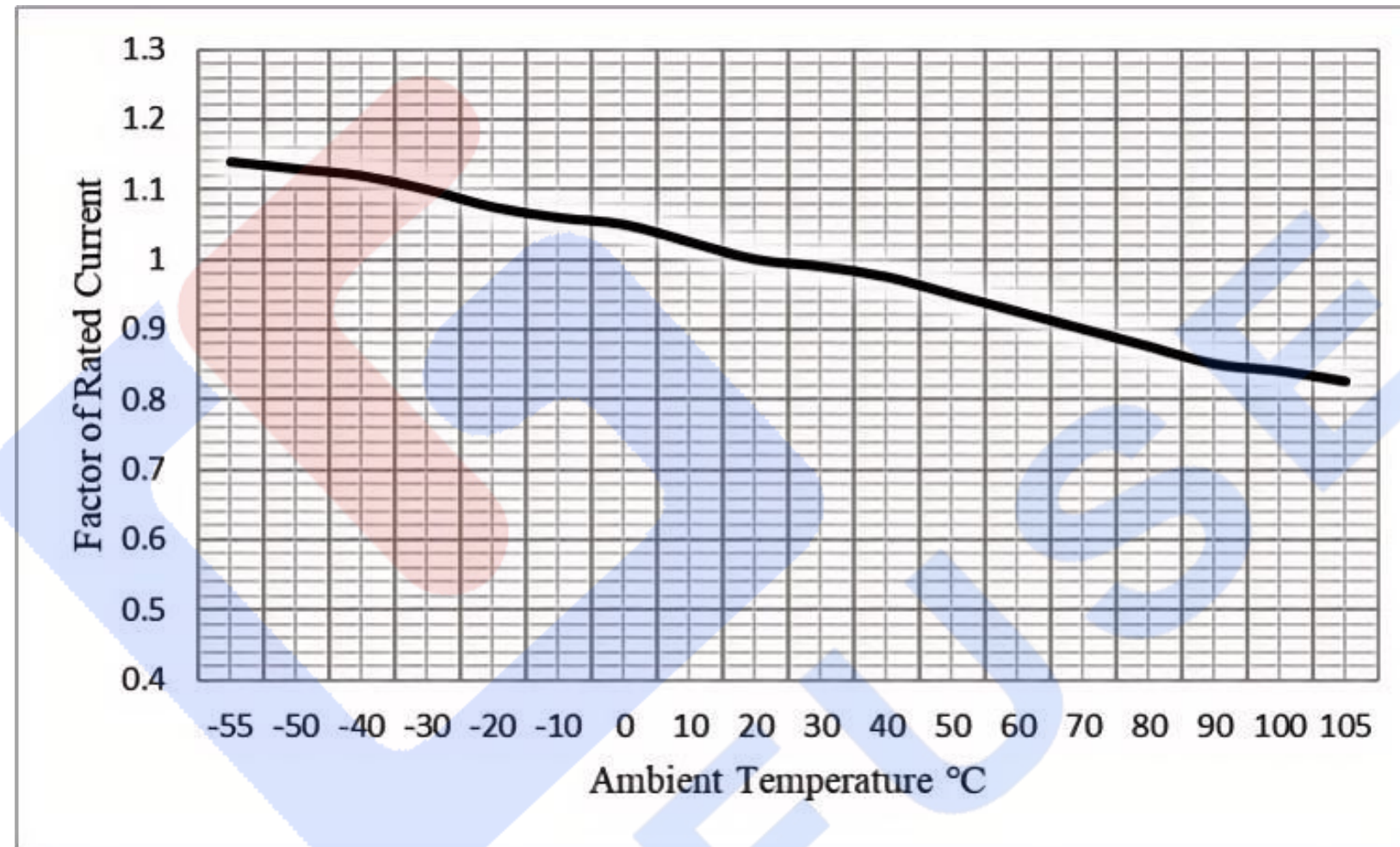
Note: Different currents and standards can be customized according to customer requirements

Test Condition: 10× rated current, DC 125V, 25°C ambient temperature, tolerance ±10%

5. Time-Current Characteristic Curves



6. Temperature De-rating Guideline



Note: Current recommendations may be affected by the final application conditions (terminal characteristics, wire thickness and length, etc.).