

Application:

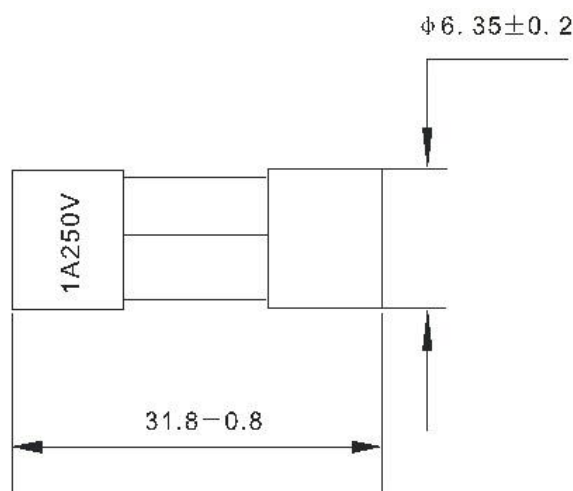
- ✧ This product is suitable for various kinds of electronic devices' circuit over current protection. Widely used in the industries of Battery Charges, Consumer Electronics, Power supplies, Industrial Controllers, etc.

Naming Rule:

C3	T	A	W	-	xxA
1	2	3	4		5

1. Ceramic Case Fuselink 6*32mm
2. Time Lag
3. Rated Voltage (A-250V)
4. W: Without lead L: Leaded
5. Rated Current
(e.g.:0315A=315mA; 6300A=6.3A)

Structure:(Unit:mm)



NO.	Position	Material
①	End Cap	Nickel plated brass
②	Inner Cap	Nickel plated brass
③	Glass Tube	Ceramic
④	Fuse Element	Alloy

Electrical Specifications: *=L/W

Part No.	Ampere Rating(A)	Voltage Rating	Nominal Cold Resistance (Ohms)	I ² TMelting Integral (A ² .S)
C3TA*-0100A	0.1	250V	33.55	0.087
C3TA*-0125A	0.125	250V	22.45	0.1
C3TA*-0150A	0.15	250V	15.45	0.143
C3TA*-0175A	0.175	250V	8.92	0.22
C3TA*-0187A	0.187	250V	7.725	0.23
C3TA*-0200A	0.2	250V	6.77	0.213
C3TA*-250A	0.25	250V	4.43	0.432
C3TA*-300A	0.3	250V	3.22	0.69
C3TA*-375A	0.375	250V	2.155	1.2
C3TA*-400A	0.4	250V	1.935	1.33
C3TA*-500A	0.5	250V	1.3	2.5
C3TA*-600A	0.6	250V	0.9495	3.9
C3TA*-700A	0.7	250V	0.7215	6.42
C3TA*-750A	0.75	250V	0.641	7
C3TA*-800A	0.8	250V	0.5725	8.2
C3TA*-1000A	1	250V	0.389	16.3
C3TA*-1250A	1.25	250V	0.268	24
C3TA*-1500A	1.5	250V	0.1975	40.1
C3TA*-1600A	1.6	250V	0.176	45
C3TA*-2000A	2	250V	0.121	80
C3TA*-2500A	2.5	250V	0.0835	136
C3TA*-3000A	3	250V	0.0605	200
C3TA*-4000A	4	250V	0.0761	9.71
C3TA*-5000A	5	250V	0.0522	25
C3TA*-6000A	6	250V	0.0346	60.4
C3TA*-7000A	7	250V	0.0227	47.3
C3TA*-8000A	8	250V	0.0193	67.1
C3TA*-10000A	10	250V	0.0132	137

C3TA*-12000A	12	250V	0.0067	129
C3TA*-15000A	15	250V	0.005	245
C3TA*-20000A	20	250V	0.0034	575
C3TA*-25000A	25	250V	0.0024	1030
C3TA*-30000A	30	250V	0.0019	1690

Operating Characteristics:

% of Ampere Rating(In)	Blowing Time
100%	4 Hours Min.
135%	1 Hour Max.
200%	5sec Min., 60sec Max.

Product Characteristics:

- ✧ **Lead Pull Strength:** 5N for 1 Minute
- ✧ **Solder ability:** Wave : 260℃, ≤10s; Soldering Iron: 350℃, ≤3s.

Electrical Characteristics

✧ Test Condition

All electrical test is to be conducted with the ambient air at a temperature of $25 \pm 5^{\circ}\text{C}$.

✧ Interrupting Rating:

Breaking Capacity:

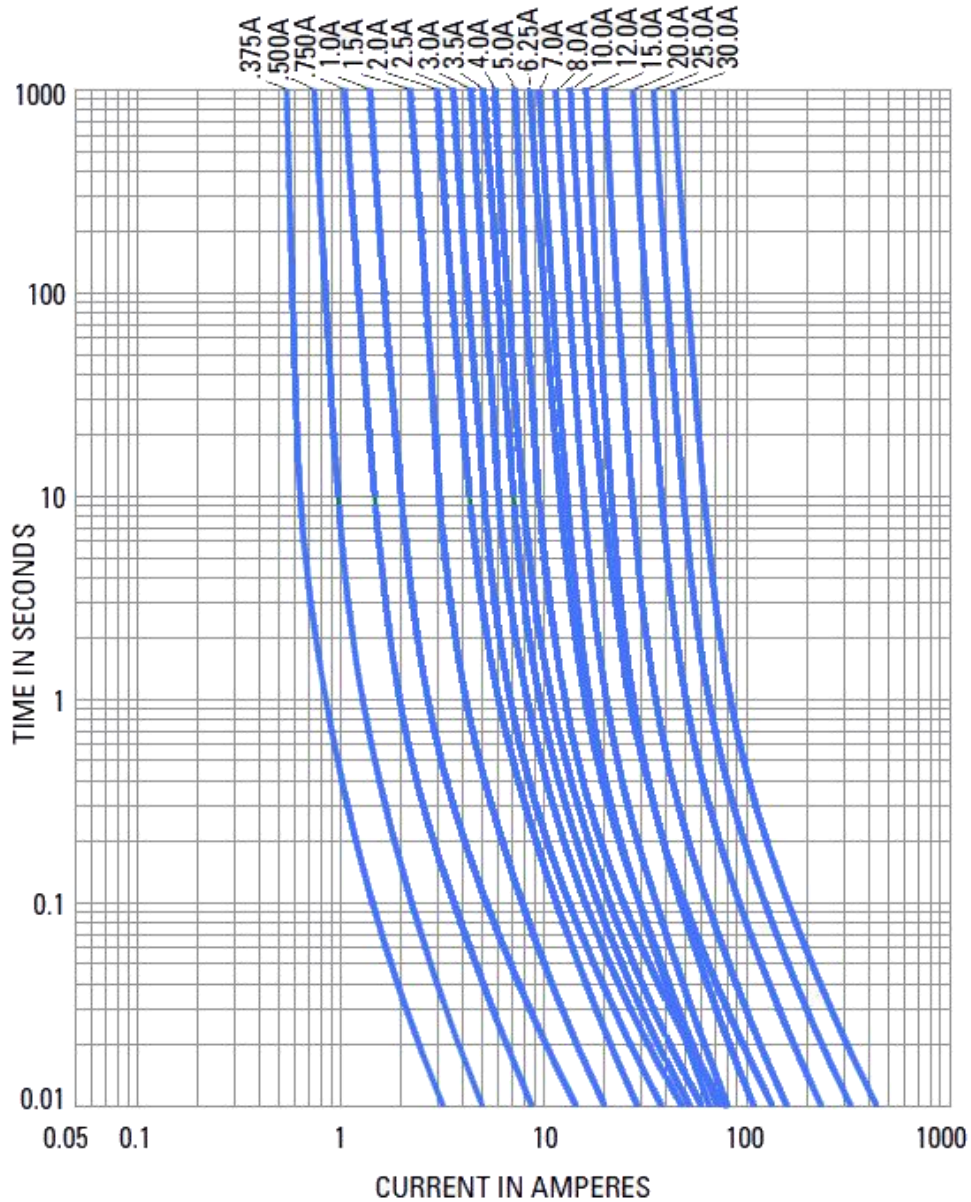
50A	250V	AC (less or 1A)
100A	250V	AC (1.25A—25A)
600A	250V	AC (30A)

The insulation resistance value of fuse is greater than $0.1\text{ M}\Omega$ after breaking capacity testing.

✧ Rising Temperature Test:

Under the ambient temperature of $25 \pm 5^{\circ}\text{C}$, through 1.5 times the rated current for 15 minutes, then every 15 minutes, add an increase of 0.1 times the rated current. When operates, the temperature rise in any part of fuse should not exceed 135°C .

Average Time Current Curves



CONTACT INFORMATION

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