

Description

- Fast Acting, high breaking capacity under 600V
- 6x32mm physical size
- Special Engineering Material tube, Silver plated copper cap construction
- Designed to UL 248-1
- Lead Free material

Applications

- DC common bus
- DC drives
- Power converters/rectifiers
- Reduced voltage starters
- Electric vehicle charging column

Electrical Characteristics

Current Rating	% of Ampere Rating	Opening Time
20A~50A	100%	4 hour Min.
	250%	120 sec Max.

Specifications



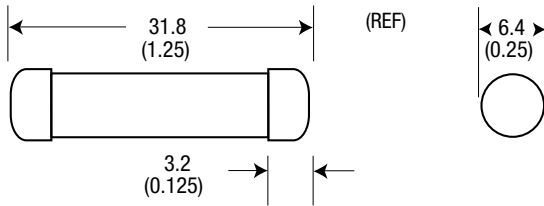
Part No.	Rated Current (A)	Rated Voltage (Vac/dc)	Breaking Capacity (A)	Typical Cold Resistance (mΩ)	Typical Voltage Drop (mV)	Typical Pre-Arcing I ² t (A ² Sec)
6CT1-R200	200mA	600	10000	3861	858	0.0029
6CT1-R250	250mA	600	10000	2727	836	0.0089
6CT1-R315	315mA	600	10000	1881	573	0.0372
6CT1-R400	400mA	600	10000	1856	897	0.0376
6CT1-R500	500mA	600	10000	1148	622	0.0405
6CT1-R600	600mA	600	10000	1024	772	0.0713
6CT1-1A	1A	600	10000	445	558	0.2277
6CT1-1.6A	1.6A	600	10000	158	310	0.8811
6CT1-2A	2A	600	10000	153	385	1.2762
6CT1-2.5A	2.5A	600	10000	88	277	3.9123
6CT1-3A	3A	600	10000	63	221	7.6952
6CT1-3.15A	3.15A	600	10000	59	232	9.9312
6CT1-4A	4A	600	10000	45	225	15.3465
6CT1-5A	5A	600	10000	32	223	26.2389
6CT1-6A	6A	600	10000	25	216	41.3698
6CT1-6.3A	6.3A	600	10000	25	232	47.5364
6CT1-8A	8A	600	10000	17	205	76.0396
6CT1-10A	10A	600	10000	16	244	101.3220
6CT1-12A	12A	600	10000	12	235	186.5560

1 DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25 °C

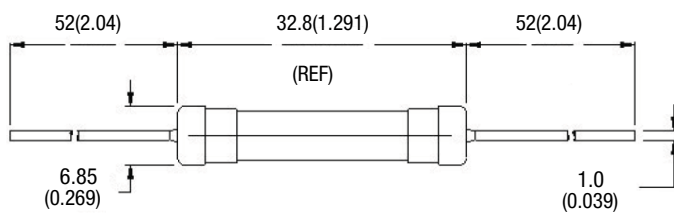
2 Typical Pre-arcing I²t (Measured at 10In-rated current, not to exceed IR, time constant of calibrated circuit less than 50 microseconds)

Dimension(Unit/mm)

6CT1 Series



6CT1 Series LE



Packaging

250 pieces cartridge fuses 75
pieces axial leaded fuses

Time Current Curve

