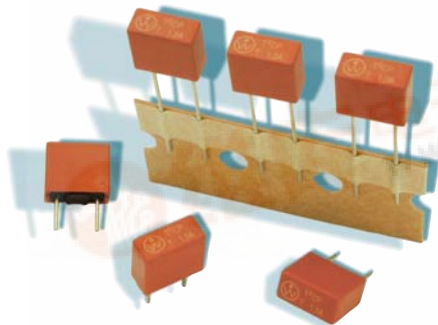
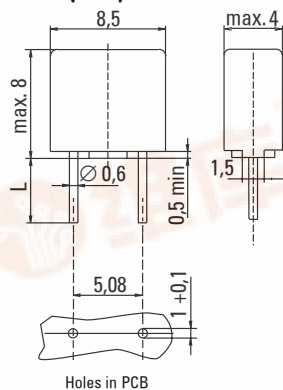


No. 397 / T²CP



Dimensions (mm)



Long Leads (L=18.8 mm)
Short Leads (L=4.3 mm)

UL 248-14, 125 V, T lead free

Time-Current Characteristic Transient Tolerant (T)

Standard

UL 248-14
CSA C22.2 No. 248.14

Approvals

UL Listed
cUL Listed

Features

Surge Proof for telecom applications
Reduced PCB space requirements
Direct solderable or plug-in versions
Low internal resistance
Shocksafe casing
Vibration resistant
Halogen free

Specifications

Packaging

000: Tape/Ammopack (1400 pcs.)
044: Short Leads - Bulk (1400 pcs.)

Materials

Base/Cap: Brown Thermoplastic
Polyamide PA 6.6, UL 94 V0
Round Pins: Copper, Sn plated

Operating Temperature

-40 °C to +85 °C (consider de-rating)

Climatic Category

-40 °C/+85 °C/21 days (EN 60068-1,-2-1,-2-2,-78)

Stock Conditions

+10 °C to +60 °C
relative humidity ≤ 75 % yearly average,
without dew, maximum value for 30 days-95 %

Vibration Resistance

24 cycles at 15 min. each (EN 60068-6)
10 - 60 Hz at 0.75 mm amplitude
60 - 2000 Hz at 10 g acceleration

Lead Pull Strength

10 N (EN 60068-2-21)

Solderability

260 °C, ≤ 3 s (Wave)
350 °C, ≤ 3 s (Soldering iron)

Soldering Heat Resistance

260 °C, 10 s (IEC 60068-2-20)

Marking

W, T²CP, T, Current Rating

Unit Weight

0.60 g (approx.)

Limits for Pre-arcing Time

Rated Current	2.0 x I _N	5.7 x I _N (W)	17 x I _N (W)
350mA ... 1.50 A	< 60 s	80 ms ... 2 s	< 200 ms



Permissible continuous operating current is ≤ 70 % at ambient temperature of 23 °C (73.4 °F).

Rated Current	Amp Code	Voltage Rating	Breaking Capacity	Voltage Drop 1.0 x I _N  max. (mV)	Power Dissipation 1.0 x I _N  max. (mW)	Melting Integral 10 x I _N  min. (A²s)	Surge Amplitude (A) ¹			Approvals	
							FCC	Bellcore	ITU	UL	cUL
350 mA	0350	125 V	50A/125V AC 50-60Hz cos φ=1.0	400	140	0.38	25	15	29	•	•
500 mA	0500	125 V		340	170	0.79	30	17	38	•	•
800 mA	0800	125 V		300	240	2.4	60	31	50	•	•
1.00 A	1100	125 V		240	240	3.5	78	40	65	•	•
1.25 A	1125	125 V		200	250	5	100	50	67	•	•
1.50 A	1150	125 V		190	285	8.5	155	78	67	•	•

¹ FCC 47 Part 68: Minimum pulse load quantity is 2 pulses at a test generator output of 800 V and 10x560 μs waveform.
ITU-T K.20: Minimum pulse load quantity is 30 pulses at a test generator output of 1000 V, 67 A and 10x700 μs waveform.
Bellcore GR-1089: Minimum pulse load quantity is 50 pulses at a test generator output of 1000 V and 10x1000 μs.

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		397		

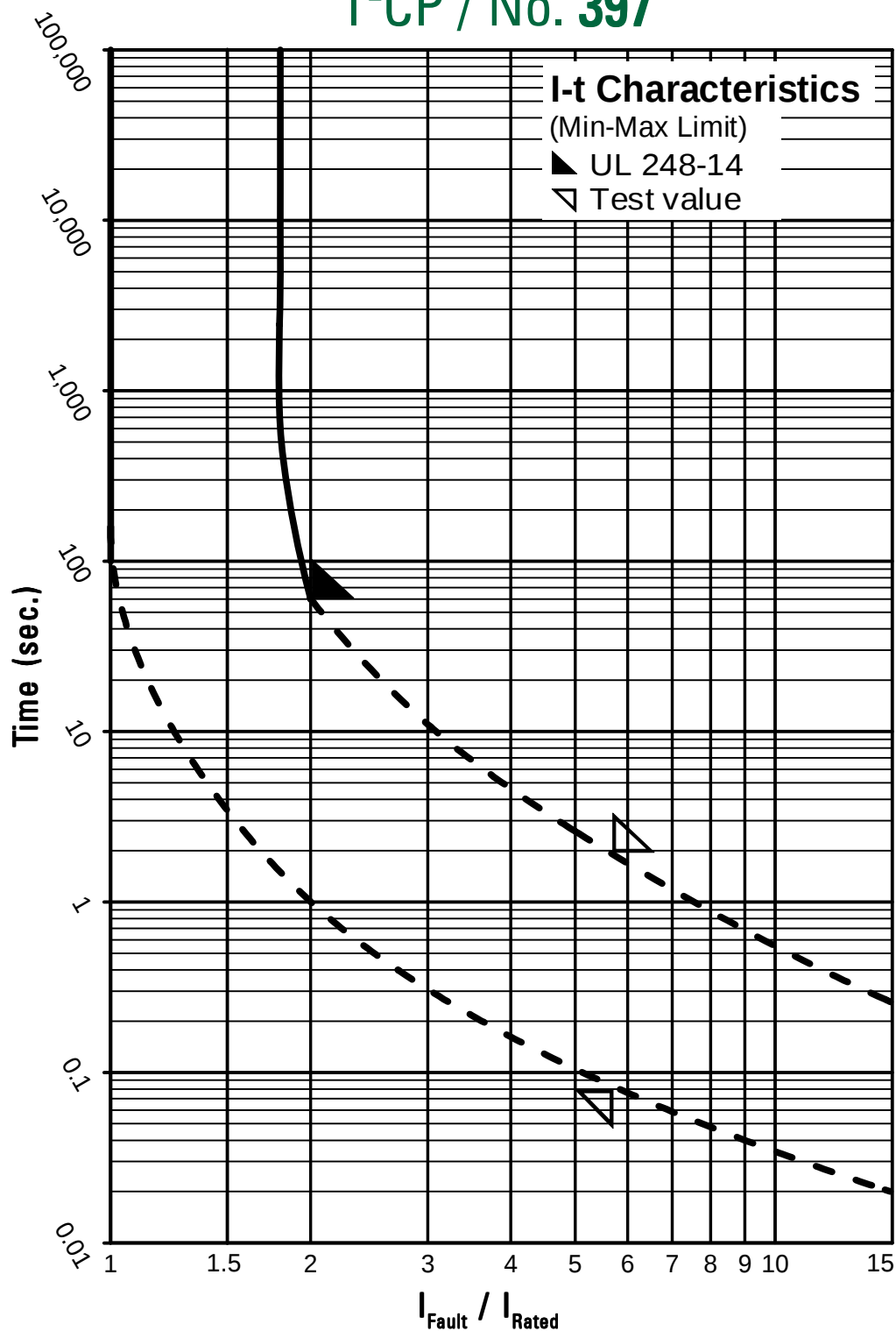
Specifications are subject to change without notice

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

www.littelfuse.com



T²CP / No. 397



Contact Littelfuse for individual I-t curves