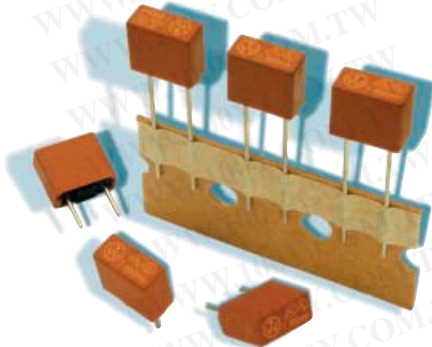


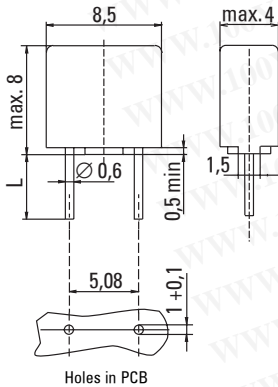
# No. 396 / TE5®

## UL 248-14, 125V, T

## Specifications



### Dimensions (mm)



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

### Time-Current Characteristic

Time Lag (T)

### Standard

UL 248-14  
CSA C22.2 No. 248.14

### Approvals

UL Listed  
cUL Listed  
METI-PSE

### Features

Reduced PCB space requirements  
Direct solderable or plug-in versions  
Internationally approved  
Low internal resistance  
Shocksafe casing  
Vibration resistant  
halogen free

### WebLinks

Further infos see:

Further application infos see  
Fuseology:

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

### Packaging

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

### Materials

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

### Operating Temperature

-40°C to +85°C (consider de-rating)

### Climatic Category

-40°C/+85°C/21 days (IEC 60068-2-1..3)

### 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 (IEC 60068-2-6)  
10 - 60Hz at 0.75mm amplitude  
60 - 2000Hz at 10g acceleration

### Lead Pull Strength

10N (IEC 60068-2-21)

### Solderability

260°C, ≤ 3 sec. (Wave)  
350°C, ≤ 1 sec. (Hand)

### Soldering Heat Resistance

260°C, 10 sec. (IEC 60068-2-20)

### Marking

 , T, Current Rating, Approvals

### Unit Weight




0.60g (approx.)

### Limits for Pre-arcing Time

Rated Current	2.0 x I <sub>N</sub>
50mA ... 6.30A	< 60s



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 <sub>N</sub>  max. (mV)	Power Dissipation 1.0 x I <sub>N</sub>  max. (mW)	Melting Integral 10 x I <sub>N</sub>  min. (A²s)	Approvals		
							UL	cUL	METI-PSE
50mA	0050	125V		900	45	0.0056	•	•	
63mA	0063	125V		800	50	0.009	•	•	
80mA	0080	125V		700	55	0.014	•	•	
100mA	0100	125V		600	60	0.025	•	•	
125mA	0125	125V		550	70	0.044	•	•	
160mA	0160	125V		480	80	0.058	•	•	
200mA	0200	125V		390	80	0.1	•	•	
250mA	0250	125V		350	90	0.17	•	•	
315mA	0315	125V		300	95	0.26	•	•	
400mA	0400	125V	100A / 125VAC	250	100	0.32	•	•	
500mA	0500	125V	50-60Hz	220	110	0.58	•	•	
630mA	0630	125V	cos φ = 1.0	210	135	0.75	•	•	
800mA	0800	125V		160	130	0.98	•	•	
1.00A	1100	125V		155	155	2.2	•	•	•
1.25A	1125	125V		145	185	3.8	•	•	•
1.60A	1160	125V		130	210	5.2	•	•	•
2.00A <sup>1</sup>	1200	125V		125	250	7.5	•	•	•
2.50A <sup>1</sup>	1250	125V		120	300	14	•	•	•
3.15A <sup>1</sup>	1315	125V		110	350	22	•	•	•
4.00A	1400	125V		110	400	27	•	•	•
5.00A	1500	125V		95	475	59	•	•	•
6.30A	1630	125V		95	570	100	•	•	

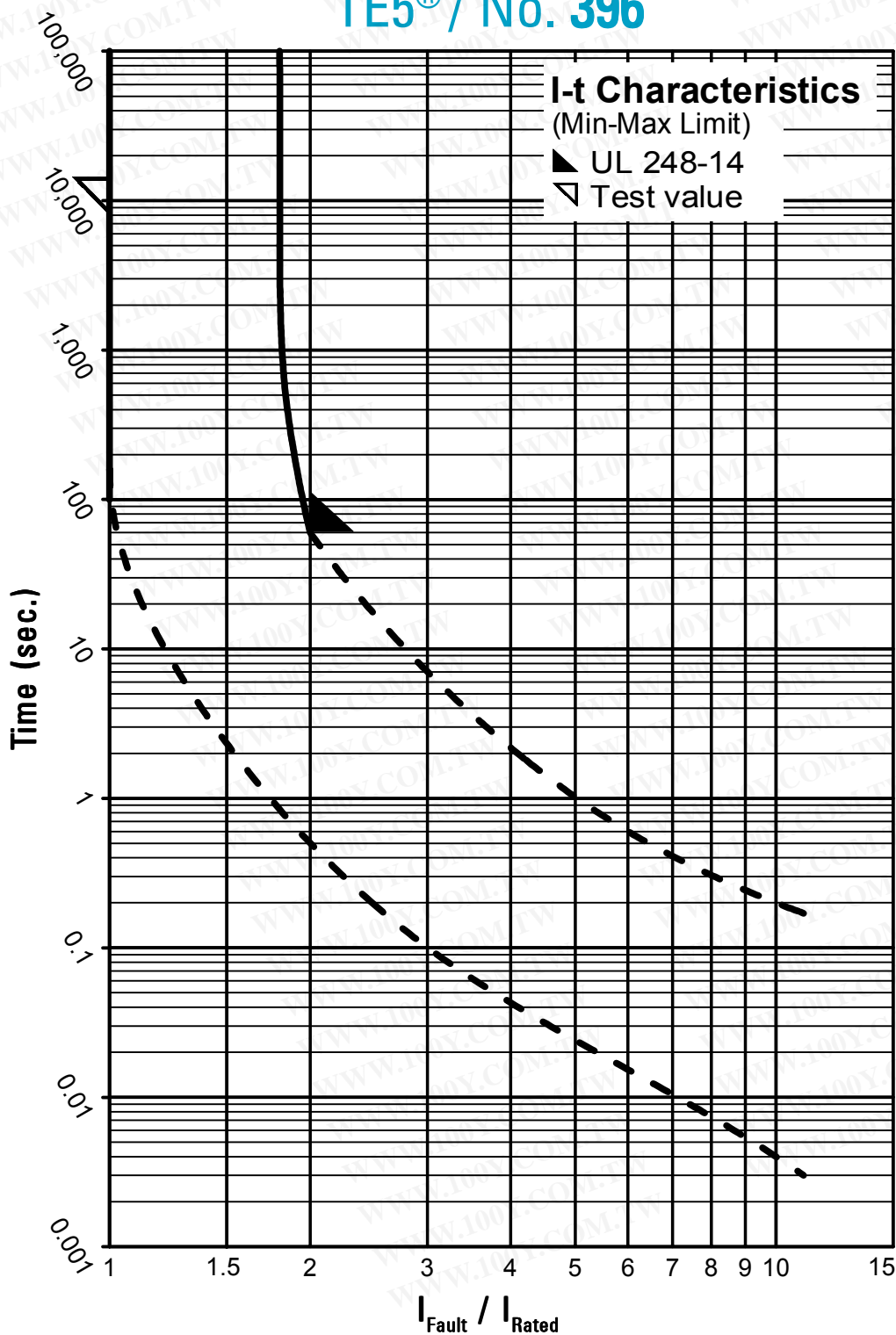
### Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		396		

Specifications are subject to change without notice

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Contact WICKMANN for individual I-t curves