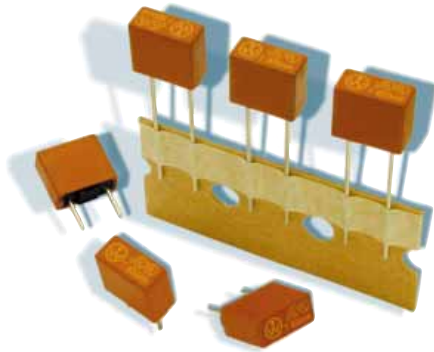
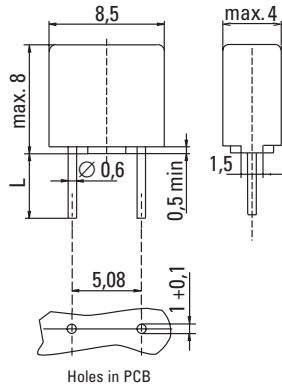


TE5® / No. 396



Dimensions (mm)



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

UL 248-14, 125V, T

Time-Current Characteristic

Time Lag (T)

Standard

UL 248-14  
CSA C22.2 No. 248.14

Approvals

UL Listed: File No. E 67006  
cUL Listed: File No. E 67006  
MITI: File No. 32-1410

Features

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

WebLinks

Data Sheet

[www.wickmann.com/products/396.pdf](http://www.wickmann.com/products/396.pdf)

Approval Certificates

[www.wickmann.com/approvals](http://www.wickmann.com/approvals)

Time-Current Curve

Page 59  
[www.wickmann.com/itcurves](http://www.wickmann.com/itcurves)

Packaging

Page 118  
[www.wickmann.com/pack](http://www.wickmann.com/pack)

FaxBack Document # 302

Specifications

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, tin plated

Operating Temperature

-40°C to +85°C (consider de-rating)

Climatic Category

-25°C/+70°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>Rated</sub>
50mA ... 6.30A	< 60s



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

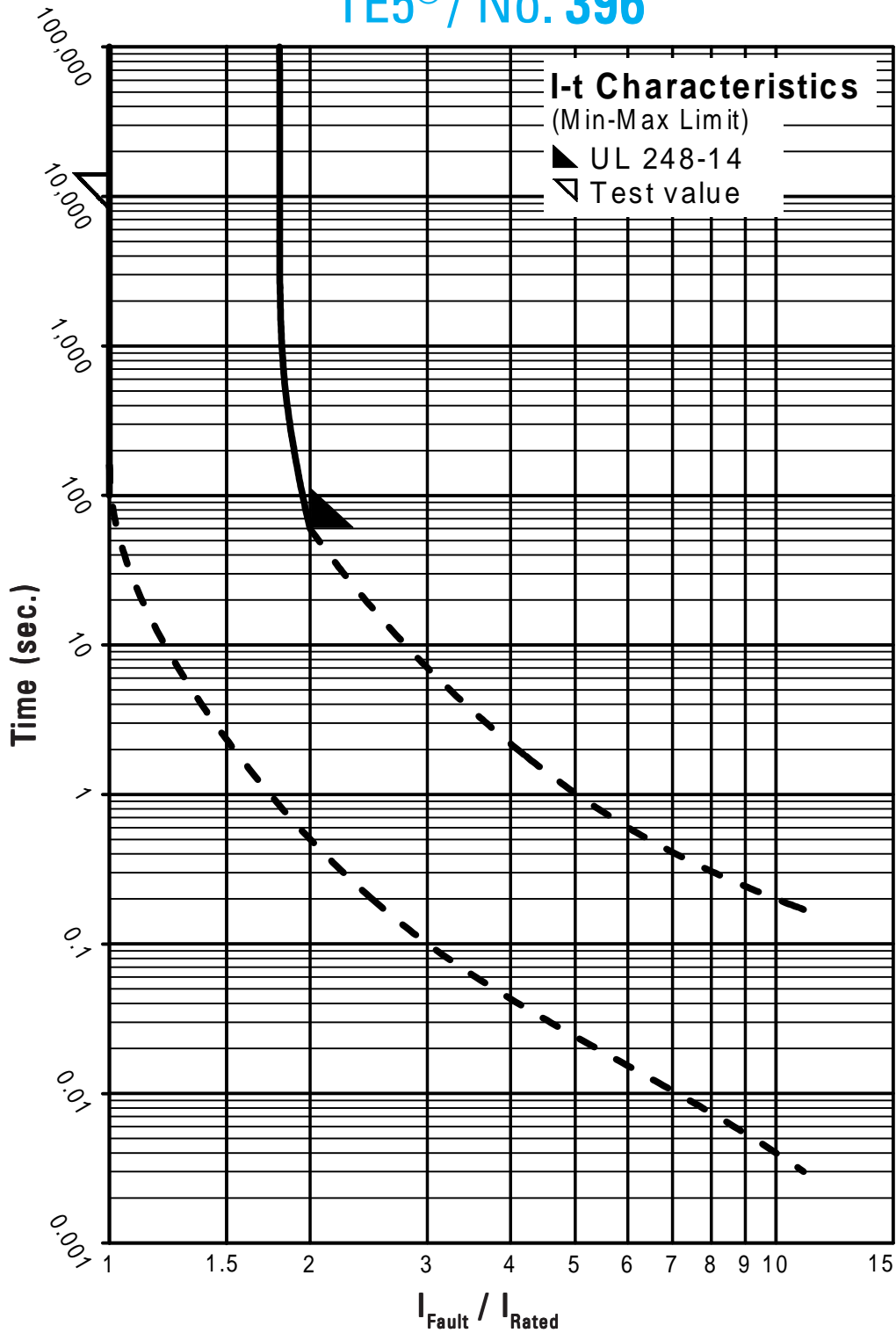
Rated Current	Amp Code	Voltage <sup>1</sup> Rating	Breaking Capacity	Voltage Drop	Power Dissipation	Melting Integral	Approvals		
				1.0 x I <sub>Rated</sub> max. (mV)	1.0 x I <sub>Rated</sub> max. (mW)	10 x I <sub>Rated</sub> min. (A²s)	UL	cUL	MITI
50mA	0050	125V		900	45	0.0056	•	•	
63mA	0063	125V		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	2.8	•	•	•
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	•	•	

<sup>1</sup> Contact WICKMANN for alternative version rated at 250V, Series No. 392.

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		396		

## TE5<sup>®</sup> / No. 396



Contact WICKMANN for individual I-t curves