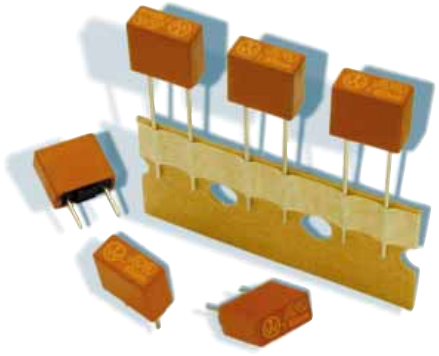
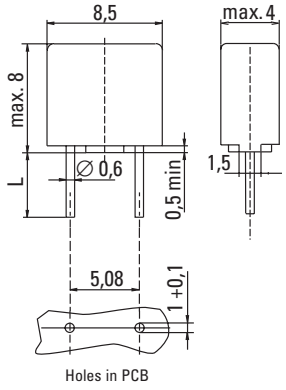
WICKMANN

TE5® / No. 396



Dimensions (mm)



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

Limits for Pre-arcing Time	
Rated Current	2.0 x I_{Rated}
50mA ... 6.30A	< 60s

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

Approval Certificates
www.wickmann.com/approvals

Time-Current Curve
Page 59
www.wickmann.com/itcurves

Packaging
Page 118
www.wickmann.com/pack

FaxBack Document # 302

Specifications

Packaging
000: Tape/Ammopack (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.)

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

Rated Current	Amp Code	Voltage[1] Rating	Breaking Capacity	Voltage Drop 1.0 x I_{Rated} Ⓦ max. (mV)	Power Dissipation 1.0 x I_{Rated} Ⓦ max. (mW)	Melting Integral 10 x I_{Rated} Ⓦ min. (A^2s)	Approvals 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[1]	1200	125V		125	250	7.5	•	•	•
2.50A[1]	1250	125V		120	300	14	•	•	•
3.15A[1]	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	•	•	

[1] Contact WICKMANN for alternative version rated at 250V, Series No. 392.

Order Information	Qty.	Order-Number	Series	Amp Code	Packaging
			396		

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• **Americas** Tel: +1 (404) 699-7820 E-mail: service@wickmannusa.com
• **Asia** Tel: +852 26 14-1108 E-mail: sales@wickmann.com.hk

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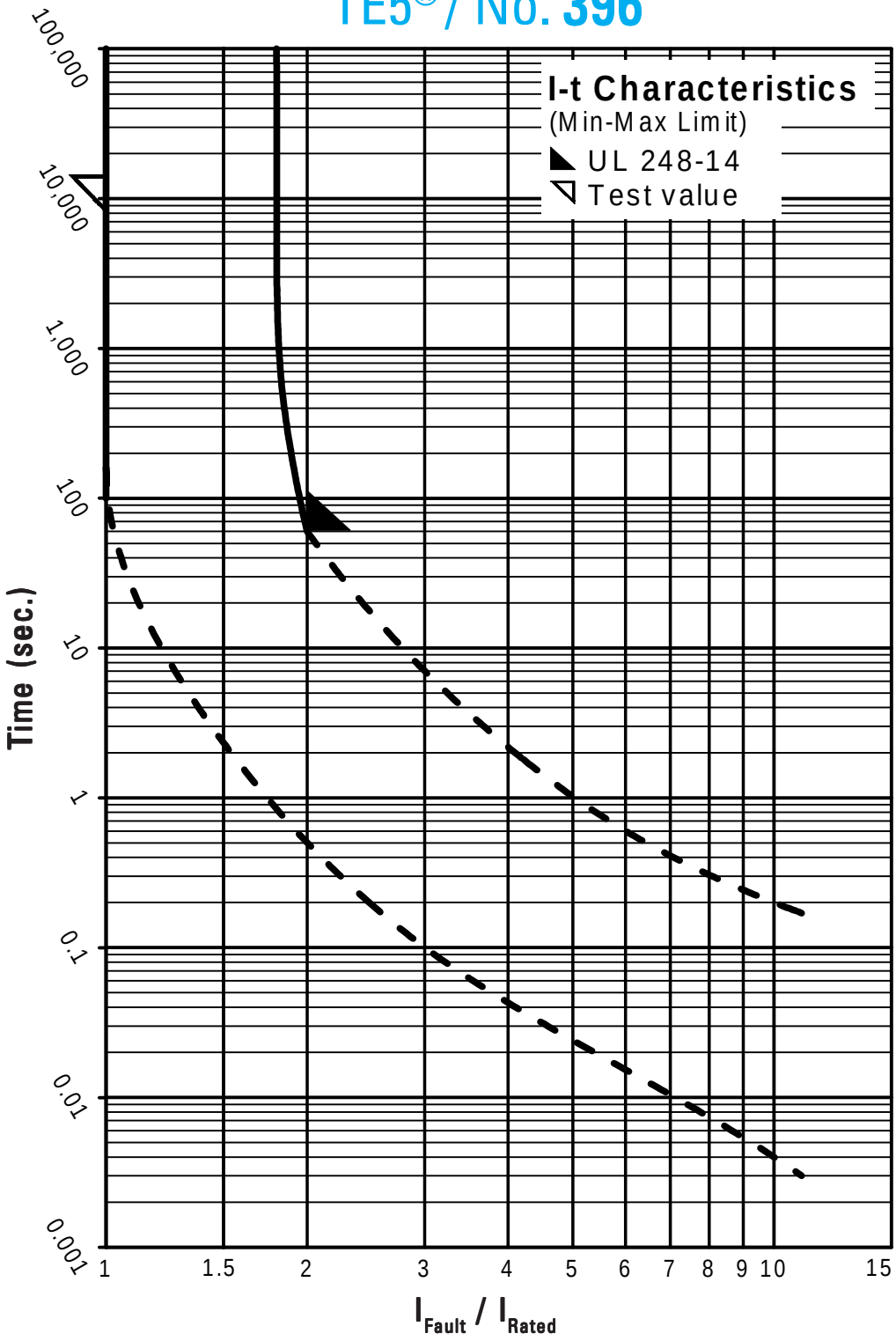

Contact WICKMANN for individual I-t curves