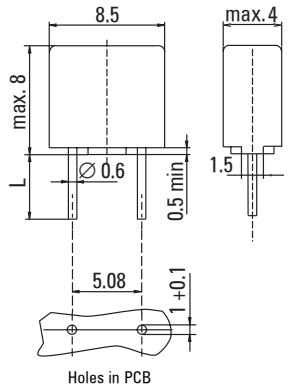
No. 396 / TE5®

Dimensions (mm)



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

UL 248-14, 125 V, T Leadfree

Time-Current Characteristic
Time Lag (T)

Standard
UL 248-14
CSA C22.2 No. 248.14

Approvals
UL Listed
cUL Listed
METI-PSE

Features

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

Specifications

Packaging
000: Tape/Ammopack (1,400 pcs.)
044: Short Leads - Bulk (1,400 pcs.)

Materials
Base/Cap: Brown Thermoplastic Polyamide PA 6.6, UL 94V0
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 (IEC 60068-2-6)
10 - 60 Hz at 0.75 mm amplitude
60 - 2000 Hz at 10 g acceleration

Lead Pull Strength
10 N (IEC 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
Ⓦ, T, Current Rating, Approvals

Unit Weight
0.60 g (approx.)

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

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. (A^2s)	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 / 125 V AC	250	100	0.32	•	•	
500mA	0500	125V	50-60 Hz	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 [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	•	•	

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

Order Information

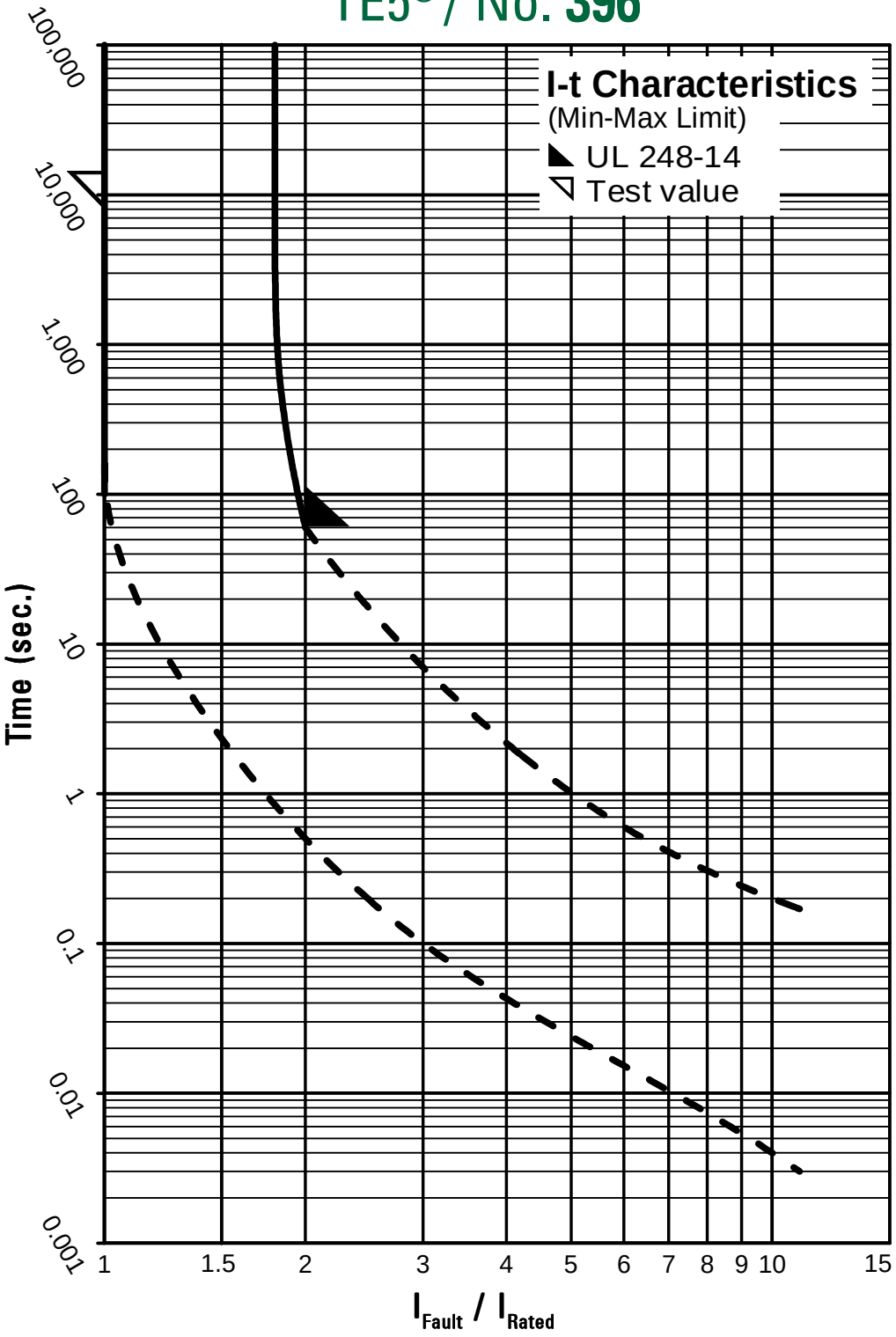
Qty.	Order-Number	Series	Amp Code	Packaging
		396		

Specifications are subject to change without notice

WICKMANN Ⓦ

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.

TE5® / No. 396



Contact Littelfuse for individual I-t curves