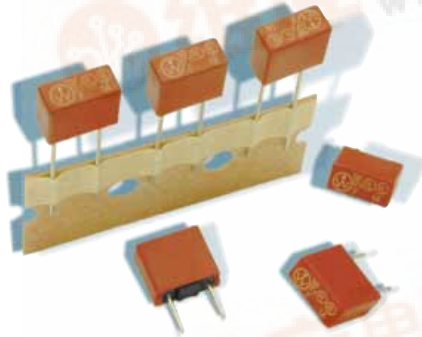




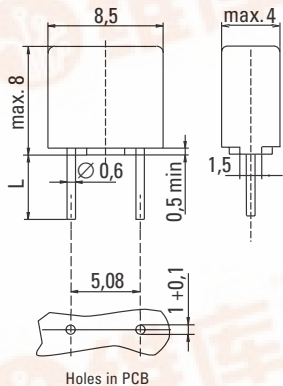
TE5® / No. 395

UL 248-14, 125V, F

Specifications



Dimensions (mm)



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

Time-Current Characteristic

Quick Acting (F)

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. 32-1693

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/395.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

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

Ⓢ, F, Current Rating, Approvals

Unit Weight

0.60g (approx.)

Limits for Pre-arcing Time

Rated Current	$2.0 \times I_{Rated}$	$2.0 \times I_{Rated}$	
50mA ... 6.30A	< 60s	< 5s	



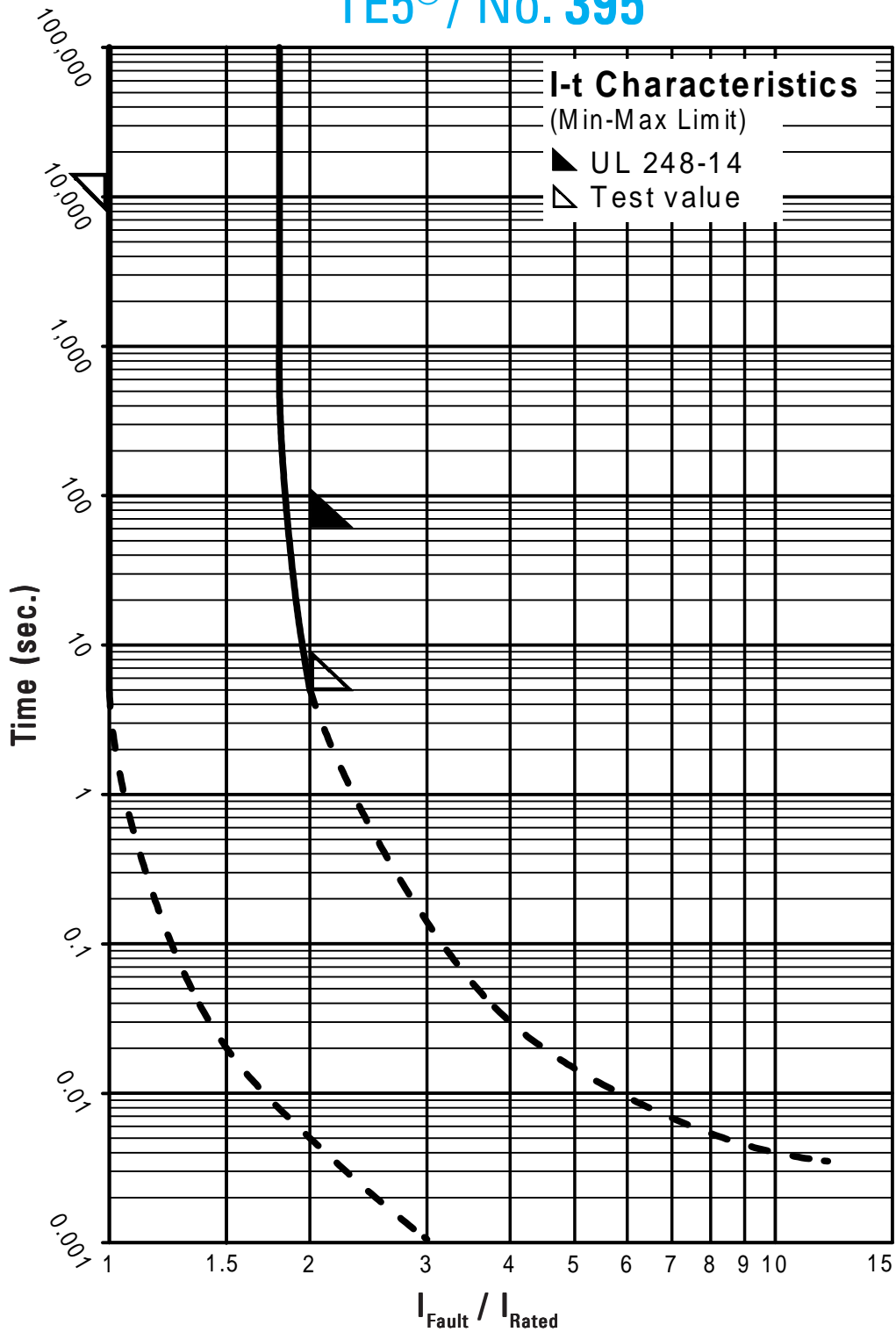
Permissible continuous operating current is ≤ 70% at ambient temperature of 23°C (73.4°F).

Rated Current	Amp Code	Voltage Rating	Breaking Capacity	Voltage Drop $1.0 \times I_{Rated}$ max. (mV)	Power Dissipation $1.0 \times I_{Rated}$ max. (mW)	Melting Integral $10 \times I_{Rated}$ max. (A²s)	Approvals		
							UL	cUL	MITI
50mA	0050	125V		1600	85	0.0001	•	•	
63mA	0063	125V		1300	85	0.00013	•	•	
80mA	0080	125V		1200	100	0.0002	•	•	
100mA	0100	125V		1100	110	0.0013	•	•	
125mA	0125	125V		1350	160	0.0019	•	•	
160mA	0160	125V		1000	150	0.0037	•	•	
200mA	0200	125V		950	210	0.0075	•	•	
250mA	0250	125V		900	225	0.013	•	•	
315mA	0315	125V		800	255	0.026	•	•	
400mA	0400	125V		230	95	0.015	•	•	
500mA	0500	125V	100A / 125VAC	220	110	0.022	•	•	
630mA	0630	125V	50-60Hz cos φ = 1.0	210	135	0.038	•	•	
800mA	0800	125V		200	160	0.068	•	•	
1.00A	1100	125V		190	190	0.1	•	•	•
1.25A	1125	125V		180	225	0.2	•	•	•
1.60A	1160	125V		170	275	0.39	•	•	•
2.00A	1200	125V		160	450	0.53	•	•	•
2.50A	1250	125V		150	375	1.1	•	•	•
3.15A	1315	125V		140	445	1.9	•	•	•
4.00A	1400	125V		130	520	3.2	•	•	•
5.00A	1500	125V		120	600	6.1	•	•	•
6.30A	1630	125V		115	850	9.7	•	•	



Qty.	Order-Number	Series	Amp Code	Packaging
		395		

TE5® / No. 395



Contact WICKMANN for individual I-t curves

