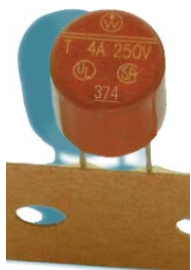


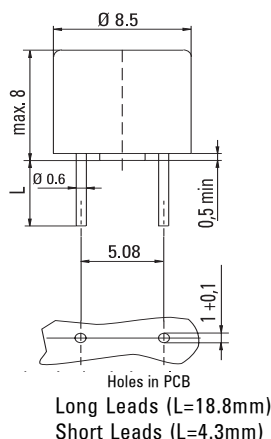
# No. 374 / TR5®

# UL 248-14, 250 V, T

## lead free



### Dimensions (mm)



### Time-Current Characteristic

Time Lag (T)

### Standard

UL 248-14  
CSA C22.2 No. 248.14

### Approvals

UL Listed  
CSA Certified

### Features

- Lead free
- Reduced PCB space requirements
- Direct solderable or plug-in versions
- Internationally approved
- Low internal resistance
- Shocksafe casing
- Vibration resistant
- Hologen free
- CCCe for China import

### WebLinks

#### Further info see:

[www.wickmanngroup.com](http://www.wickmanngroup.com)

#### Further application info see fuseology:

[www.wickmanngroup.com/download/fuseology.pdf](http://www.wickmanngroup.com/download/fuseology.pdf)



RoHS



CCCe

## Specifications

### Packaging

000: Tape/Ampopack (1000 pcs.)  
041: Short Leads - Bulk (1000 pcs.)

### Materials

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

### Lead Pull Strength

10 N (EN 60068-2-21)

### Solderability

260 °C, ≤ 3 s (Wave)  
350 °C, ≤ 3 s (Solder iron)

### Soldering Heat Resistance

260 °C, 10 s (IEC 60068-2-20)

### Marking

 , 374, 250 V, T, Current Rating, Approvals

### Unit Weight




0.77 g (approx.)

### Limits for Pre-arcing Time

Rated Current 2.0 x I<sub>N</sub>

50 mA ... 10.00 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 <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. (A <sup>2</sup> s)	Approvals			
							UL	CSA	cULus	CCCe
50mA	0050	250V		900	45	0.0056	•	•	•	•
63mA	0063	250V		800	50	0.009	•	•	•	•
80mA	0080	250V		700	55	0.014	•	•	•	•
100mA	0100	250V		600	60	0.025	•	•	•	•
125mA	0125	250V		550	70	0.044	•	•	•	•
160mA	0160	250V		480	80	0.058	•	•	•	•
200mA	0200	250V		390	80	0.1	•	•	•	•
250mA	0250	250V		350	90	0.17	•	•	•	•
315mA	0315	250V		300	95	0.26	•	•	•	•
400mA	0400	250V	50 A / 250 V AC	250	100	0.32	•	•	•	•
500mA	0500	250V	50-60 Hz	220	110	0.6	•	•	•	•
630mA	0630	250V	cos φ = 1.0	210	135	0.75	•	•	•	•
800mA	0800	250V		160	130	0.98	•	•	•	•
1.00A	1100	250V		155	155	2.1	•	•	•	•
1.25A	1125	250V		145	185	3.2	•	•	•	•
1.60A	1160	250V		130	210	4.5	•	•	•	•
2.00A	1200	250V		125	250	7.5	•	•	•	•
2.50A	1250	250V		120	300	14	•	•	•	•
3.15A	1315	250V		110	350	22	•	•	•	•
4.00A	1400	250V		100	400	36	•	•	•	•
5.00A	1500	250V		95	475	59	•	•	•	•
6.30A	1630	250V		90	570	110	•	•	•	•
8.00A <sup>1</sup>	1800	250V		80	1000	150	•	•	•	•
10.00A <sup>1</sup>	2100	250V		90	1250	280	•	•	•	•

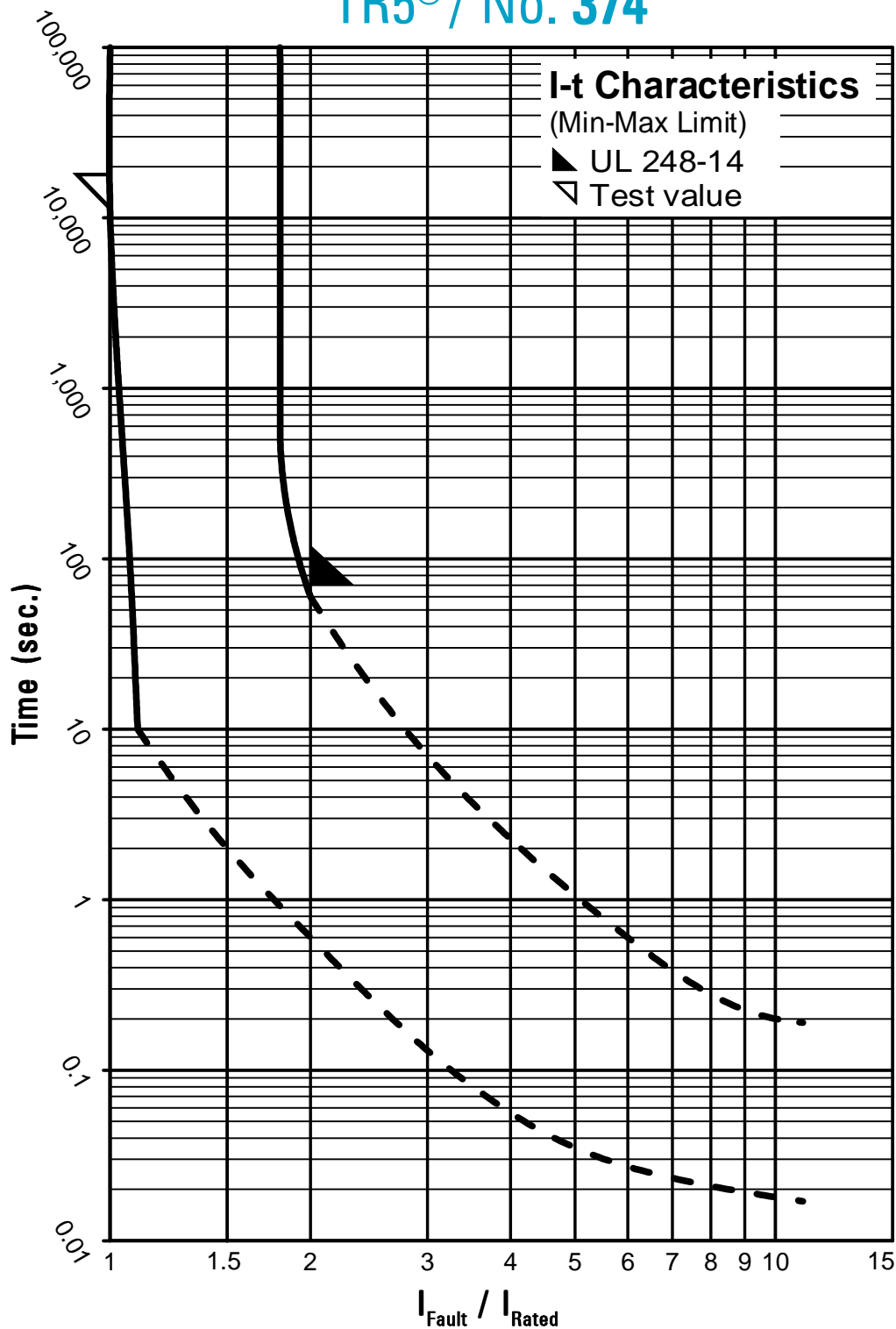
<sup>1</sup> Conducting path cross-section minimum ≥ 0.2mm<sup>2</sup>

### Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		374		

Specifications are subject to change without notice

## TR5<sup>®</sup> / No. 374



Contact WICKMANN for individual I-t curves