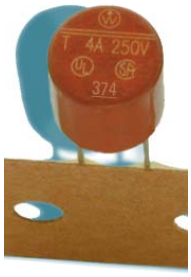
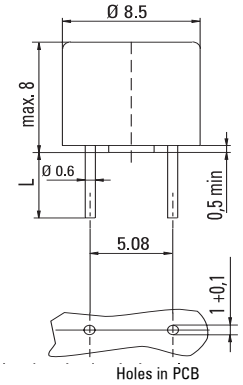
No. 374 / TR5®



Dimensions (mm)



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

Limits for Pre-arcing Time	
Rated Current	2.0 x I_N
50 mA ... 10.00 A	< 60 s

UL 248-14, 250 V, T

lead free

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

Further application info see fuseology:
www.wickmanngroup.com/download/fuseology.pdf

Specifications

Packaging
000: Tape/Ammopack (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.)

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	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 50-60 Hz cos φ = 1.0	250	100	0.32	•	•		•
500mA	0500	250V		220	110	0.6	•	•		•
630mA	0630	250V		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 [1]	1800	250V		80	1000	150			•	•
10.00A [1]	2100	250V		90	1250	280			•	•

[1] Conducting path cross-section minimum ≥ 0.2mm²

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		374		

Specifications are subject to change without notice

WebSite www.wickmanngroup.com
Europe Tel: +49 2302 662-107 E-mail: sales@wickmann.com
Americas Tel: +1 404 699-7820 E-mail: service@wickmannusa.com
Asia Tel: +852 26 14-1108 E-mail: sales@wickmann.com.hk
China Tel: +86 21 6432 5146 E-mail: sales@wickmann.cn

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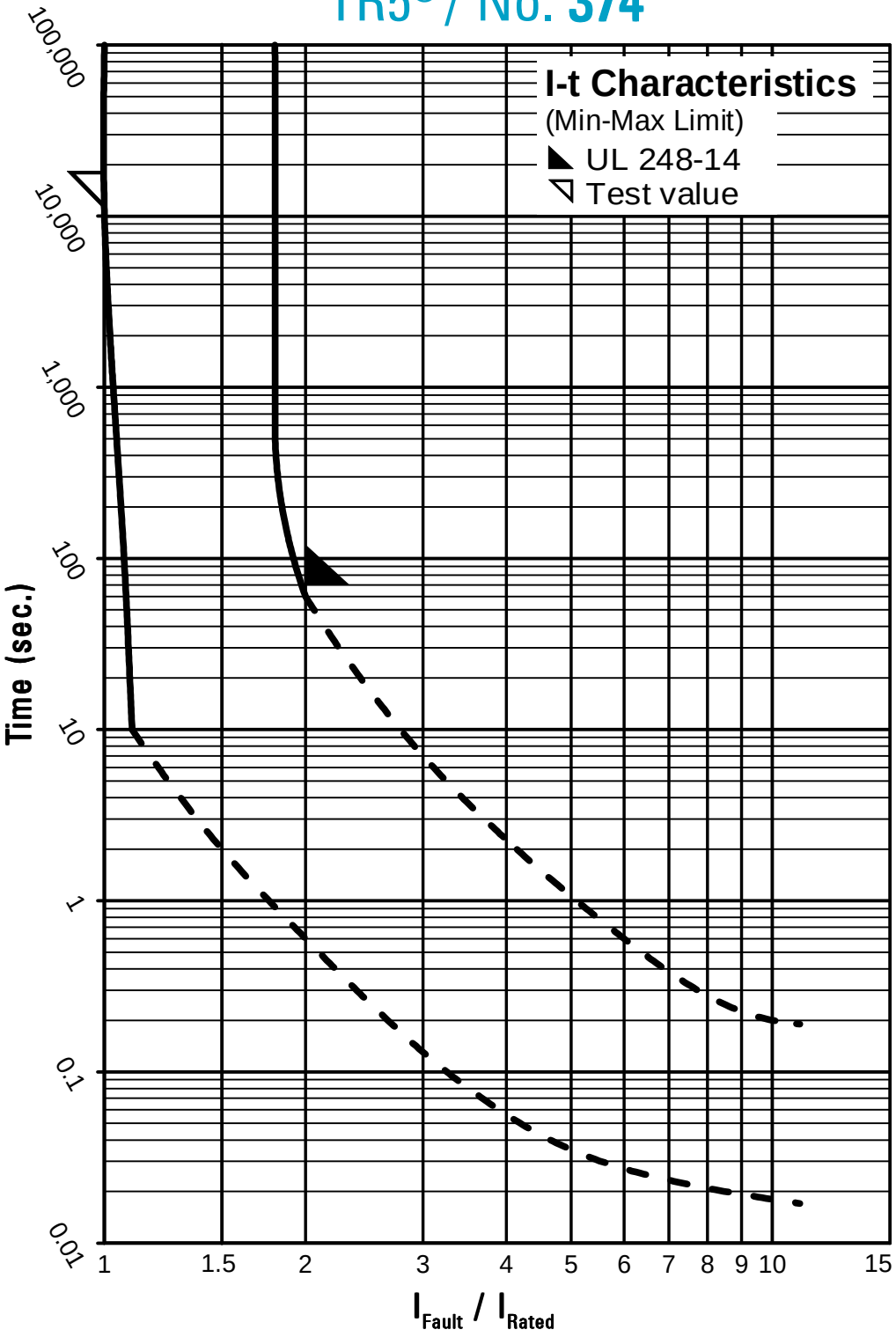

Contact WICKMANN for individual I-t curves