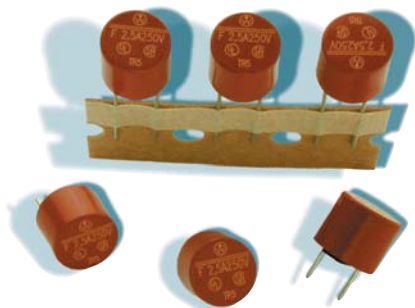
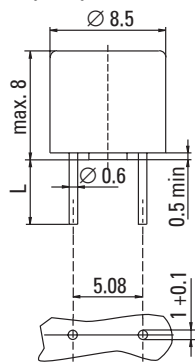


## No. 373 / TR5®



### Dimensions (mm)



Holes in PCB  
 Long Leads (L=18.8 mm)  
 Short Leads (L=4.3 mm)

## UL 248-14, 250 V, F lead free

**Time-Current Characteristic**  
 Quick Acting (F)

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

**Approvals**  
 UL Listed  
 CSA Certified

### Features

- 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/Ampopack (1,000 pcs.)  
 041: Short Leads - Bulk (1,000 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,-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 0.75 mm 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 (Soldering iron)

**Soldering Heat Resistance**  
 260 °C, 10 s (IEC 60068-2-20)

**Marking**  
 Ⓢ, 373, 250 V, F, 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 ... 6.30 A	< 5 s
8.00 A ... 10.00A	< 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> Ⓢ max. (A <sup>2</sup> s)	Approvals UL CSA cULus
50mA	0050	250V		1400	70	0.0001	• •
63mA	0063	250V		1300	85	0.00023	• •
80mA	0080	250V		1200	100	0.00037	• •
100mA	0100	250V		1100	110	0.0013	• •
125mA	0125	250V		1000	125	0.0019	• •
160mA	0160	250V		950	155	0.004	• •
200mA	0200	250V		850	170	0.0065	• •
250mA	0250	250V		750	190	0.014	• •
315mA	0315	250V		650	205	0.032	• •
400mA	0400	250V	50A/250V AC 50-60 Hz cos φ=1.0	230	95	0.016	• •
500mA	0500	250V		220	110	0.025	• •
630mA	0630	250V		210	135	0.045	• •
800mA	0800	250V		200	160	0.069	• •
1.00A	1100	250V		190	190	0.125	• •
1.25A	1125	250V		180	225	0.2	• •
1.60A	1160	250V		170	275	0.38	• •
2.00A	1200	250V		160	320	0.63	• •
2.50A	1250	250V		150	375	1.2	• •
3.15A	1315	250V		140	445	1.9	• •
4.00A	1400	250V		130	520	3.5	• •
5.00A	1500	250V		120	630	6.2	• •
6.30A	1630	250V		115	1000	9.1	• •
8.00A <sup>1</sup>	1800	250V		120	1600	30	• •
10.00A <sup>1</sup>	2100	250V		110	2000	55	• •

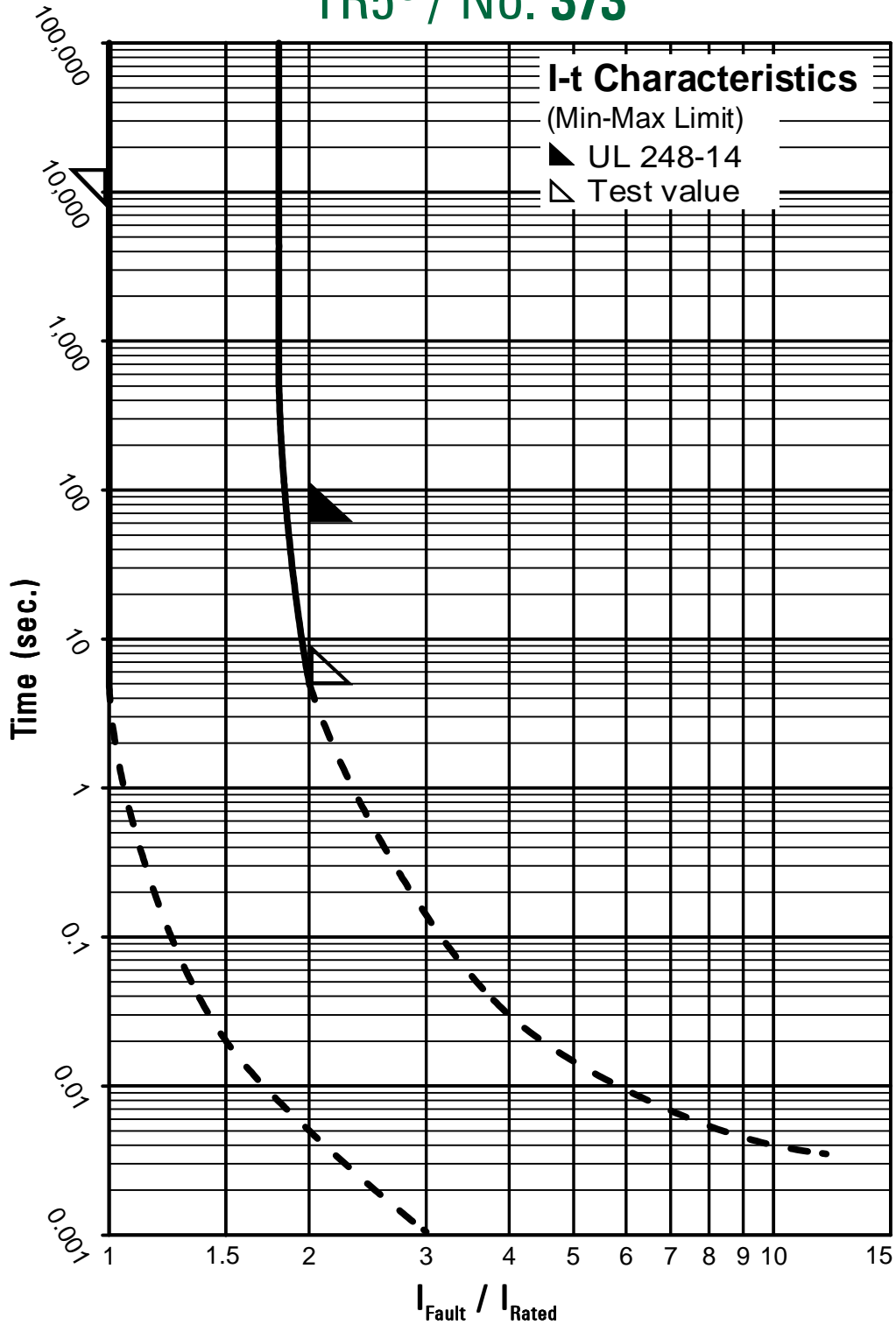
<sup>1</sup> Conducting path cross-section minimum ≥ 0.2mm<sup>2</sup>  
 Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

### Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		373		

Specifications are subject to change without notice

## TR5<sup>®</sup> / No. 373



Contact Littelfuse for individual I-t curves