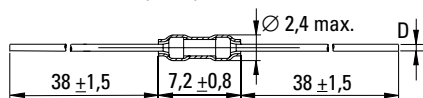


Picofuse / No. 275 UL 248-14, 125V, F



Dimensions (mm)



Rated Current	D(mm)
63mA ... 10.00A	0.6 +0.03/-0.01
15.00A	0.813 ±0.05

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
UL Recognized: File No. E 67006 (10A)
CSA Certified: File No. 51378 (10A)

Features

Reduced PCB space requirements
Auto-insertable from tape
Internationally approved
Low internal resistance
Vibration resistant

WebLinks

Data Sheet

<http://www.wickmann.com/products/275.pdf>

Approval Certificates

<http://www.wickmann.com/approvals>

Time-Current Curve

<http://www.wickmann.com/itcurves>

Packaging

<http://www.wickmann.com/pack>

Further application infos see Fuseology:

<http://www.wickmann.com/download/fuseology.pdf>

Specifications

Packaging

000: Tape/Reel (2500 pcs.)
005: Bulk (100 pcs.)

Materials

Body: Ceramic tube
Heat shrink tube
Plug-on Caps: Copper alloy, tin plated

Operating Temperature

-25°C to +70°C (consider de-rating)

Climatic Category

-25°C/+70°C/21 days (EN 60068-1..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 (EN 60068-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Solderability

260°C, ≤ 3 sec. (Wave)
350°C, ≤ 1 sec. (Hand)

Soldering Heat Resistance

260°C, 5 sec. (IEC 60068-2-20)


Marking

 , Current Rating

Unit Weight




0.38g (approx.)

Limits for Pre-arcing Time

Rated Current	2.0 x I _{Rated}	2.0 x I _{Rated} 
63mA ... 10.00A	< 60s	< 5s
15.00A	< 60s	< 10s



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

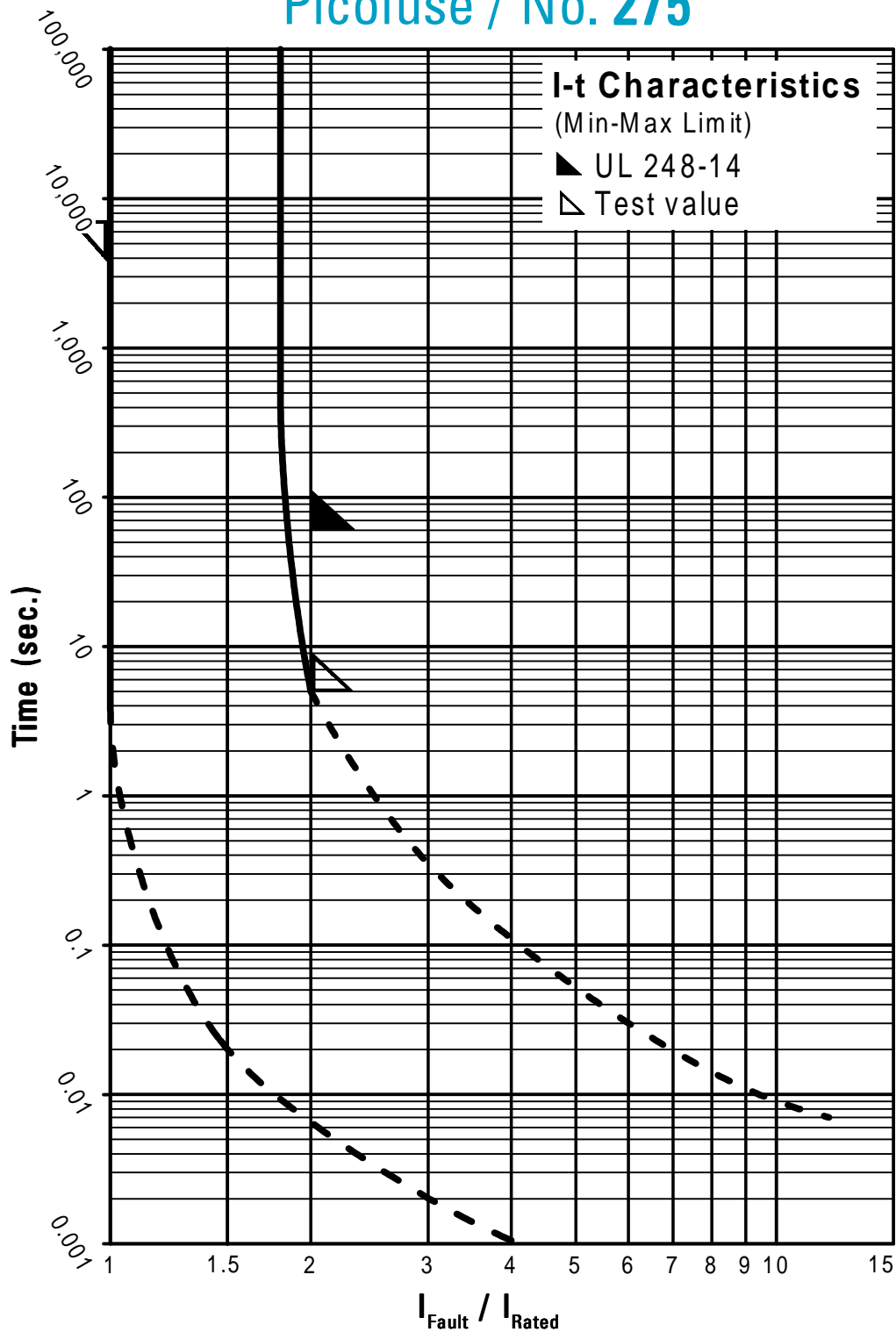
Rated Current	Amp Code	Voltage Rating	Breaking Capacity	Voltage Drop 1.0 x I _{Rated} max. (mV) 	Power Dissipation 1.0 x I _{Rated} max. (mW) 	Melting Integral 10 x I _{Rated} max. (A ² s) 	Approvals			
							UL	cUL	UR	CSA
63mA	0063	125V		2000	154	0.00015	•	•		
125mA	0125	125V		1350	206	0.00094	•	•		
250mA	0250	125V		1000	275	0.007	•	•		
375mA	0375	125V		1000	375	0.022	•	•		
500mA	0500	125V		280	550	0.04	•	•		
750mA	0750	125V		260	195	0.10	•	•		
1.00A	1100	125V		250	303	0.094	•	•		
1.50A	1150	125V		240	360	0.30	•	•		
2.00A	1200	125V	300A/125VDC	230	550	0.50	•	•		
2.50A	1250	125V	50A/125VAC	225	688	0.82	•	•		
3.00A	1300	125V	50-60Hz	220	660	1.5	•	•		
3.50A	1350	125V	cos φ = 1.0	215	755	1.9	•	•		
4.00A	1400	125V		210	930	3.2	•	•		
5.00A	1500	125V		180	1238	4.1	•	•		
7.00A	1700	125V		150	1050	11	•	•		
10.00A	2100	125V	50A/125VAC/DC	125	1250	31			•	•
15.00A	2150	32V	300A/32VDC	100	1500	140				

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		275		

Specifications are subject to change without notice

Picofuse / No. 275



Contact WICKMANN for individual I-t curves