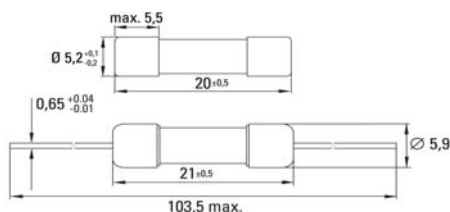


5x20mm / No. 198

This product is not recommended for new designs. Please refer to Littelfuse No. 239.



Dimensions (mm)



Optional Holders

UL 248-14, 250V, D

Time-Current Characteristic

Time Delay (D)

Standard

UL 248-14
CSA C22.2 No. 248.14

Approvals

UL Listed
CSA Certified

Features

Visual fault indication
Direct solderable or plug-in versions
Internationally approved
Worldwide availability

WebLinks

Further info see:

www.wickmanngroup.com

Further application info see fuseology:

www.wickmanngroup.com/download/fuseology.pdf

Specifications

Packaging

000: Bulk (1000 pcs.)
002: Bulk (20x10 pcs.)
043: With mounted holder - Tape/Reel (1250 pcs.) on request

Materials

Tube: Glass
End Caps: Nickel-plated brass
Optional Holders: Nickel-plated caps
Tin-plated copper wires

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, 10 sec. (IEC 60068-2-20)

Marking

 , Current Rating, 250VAC, D, 198, Approvals

Unit Weight

1.1g (approx.)
2.0g (with leads)

Limits for Pre-arcing Time

Rated Current	1.35 x I _{Rated}	2.0 x I _{Rated}
80mA ... 3.00A	< 1h	5s ... 120s
3.50A	< 1h	12s ... 120s



Permissible continuous operating current is ≤ 75% at ambient temperature of 23°C (73.4°F).

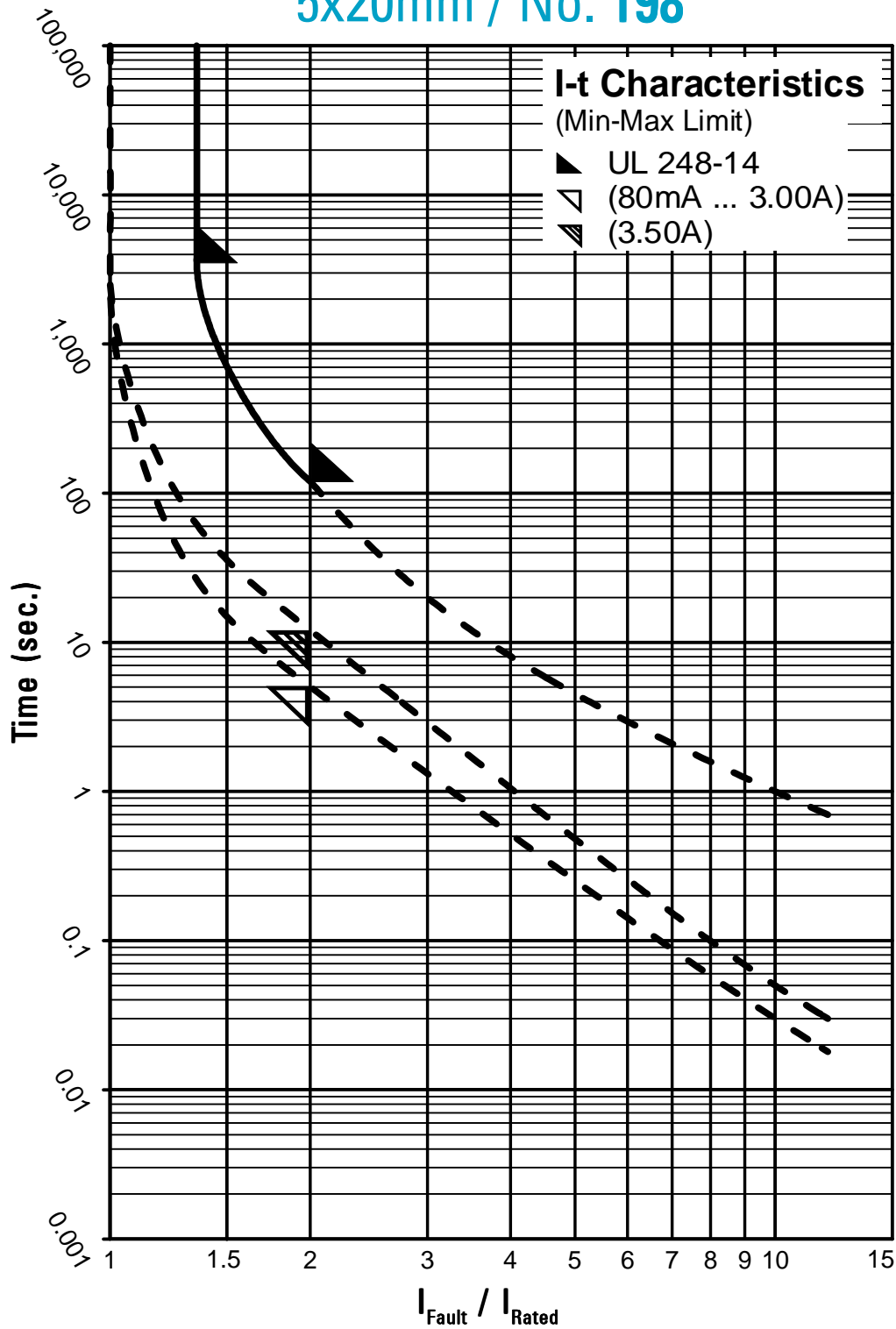
Rated Current	Amp Code	Voltage Rating	Breaking Capacity	Voltage Drop 1.0 x I _{Rated} max. (mV)	Power Dissipation 1.0 x I _{Rated} max. (W)	Melting Integral 10 x I _{Rated} min. (A ² s)	Approvals	
							UL	CSA
80mA	0080	250V		2800	0.4	0.019	•	•
100mA	0100	250V		2400	0.5	0.038	•	•
125mA	0125	250V		2100	0.5	0.066	•	•
150mA	0150	250V		1800	0.5	0.10	•	•
200mA	0200	250V		1300	0.6	0.18	•	•
250mA	0250	250V		1100	0.7	0.29	•	•
300mA	0300	250V		1050	0.7	0.5	•	•
400mA	0400	250V		850	0.8	1.0	•	•
500mA	0500	250V		650	0.8	1.6	•	•
600mA	0600	250V		550	0.8	2.7	•	•
700mA	0700	250V		500	0.9	3.7	•	•
800mA	0800	250V		400	0.9	5.6	•	•
1.00A	1100	250V		350	1.0	9.5	•	•
1.25A	1125	250V		300	1.0	15	•	•
1.60A	1160	250V		270	1.1	25	•	•
2.00A	1200	250V		235	1.1	46	•	•
2.50A	1250	250V		215	1.2	83	•	•
3.00A	1300	250V		200	1.3	110	•	•
3.50A	1350	250V		200	1.3	180	•	•
			35A / 250VAC					
			10kA / 125VAC					
			50-60Hz					
			cos φ = 0.7-0.8					
			100A / 250VAC					
			10kA / 125VAC					
			50-60Hz					
			cos φ = 0.7-0.8					

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		198		

Specifications are subject to change without notice

5x20mm / No. 198



Contact WICKMANN for individual I-t curves