5x25mm/ No. 241



Indicator, 250V

Time-Current Characteristic
Medium Time Lag (M)

Standard
None

Approvals
None

Specifications

Packaging
002: Pack (100 pcs.)

Materials
Tube: Ceramic
End Caps: Nickel-plated brass

Operating Temperature
-25°C to +70°C (consider de-rating)

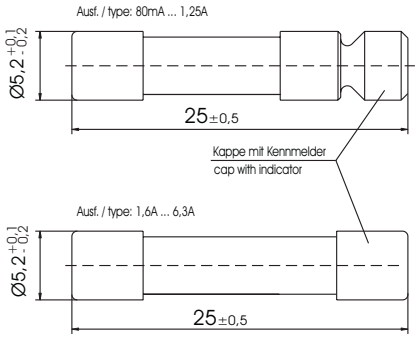
Climatic Category
-25°C/+70°C/21 days (EN 60068-1..3)

Stock Conditions
+10°C to +60°C
relative humidity ≤ 75% yearly average, without dew

Vibration Resistance
24 cycles at 15 min. each (EN 60068-2-6)
10 - 60Hz at 0.75mm amplitude
60 - 2000Hz at 10g acceleration

Marking
Ⓦ, M, Current Rating, 250V

Dimensions (mm)



Limits for Pre-arcing Time

Rated Current	1.5 x I_{Rated}	2.1 x I_{Rated}	2.75 x I_{Rated}	4 x I_{Rated}	10 x I_{Rated}
80mA ... 100mA		<2min		40ms ... 500ms	5ms ... 30ms
125mA ... 1.25A	>1h	<2min	-	60ms ... 2s	5ms ... 70ms
1.6A ... 10A		<30min		60ms ... 2s	5ms ... 70ms

Permissible continuous operating current is ≤ 80% at ambient temperature of 23°C (73.4°F).

Rated Current	Amp Code [2]	Voltage Rating	Breaking Capacity	Voltage Drop 1.0 x I_{Rated} Ⓦ max. (mV)	Power Dissipation 1.5 x I_{Rated} Ⓦ max. (W)	Melting Integral 10 x I_{Rated} Ⓦ min. (A^2s)	color of indicator
80mA	0080	250V	80A @ 250 V AC 50Hz cos φ = 1.0	520	on request	0.015	grey
100mA	0100	250V		500		0.030	red
125mA	0125	250V		500		0.053	velvet
160mA	0160	250V		400		0.11	orange
200mA	0200	250V		400		0.23	blue
250mA	0250	250V		375		0.38	yellow
315mA	0315	250V		410		0.60	black
400mA	0400	250V		280		0.75	brown
500mA	0500	250V		250		1.5	white
630mA	0630	250V		220		2.3	green
800mA [4]	0800	250V		400		3.0	grey
1A [4]	1100	250V		350		4.5	red
1.25A [4]	1125	250V		315		6.8	velvet
1.6A [1]	1160	250V	———	480		2.3	orange
2A [1]	1200	250V		360		4.5	blue
2.5A [1]	1250	250V	1500A @ 250 V AC 50Hz cos φ = 0.7	300		7.5	yellow
3.15A [1]	1315	250V		250		30	black
4A [1]	1400	250V		180		34	brown
6.3A [1]	1630	250V		160		140	green
8A [1] [2]	1800	250V		Ⓦ160		170	grey
10A [1] [2]	2100	250V		Ⓦ150		260	red

[1] 1.6 ... 10A looks like No. 240 [2] not mentioned in the norms [3] operating temperature ≥ 10V [4] according to DIN 41576, T.2

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
		241		

WICKMANN Ⓦ

In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

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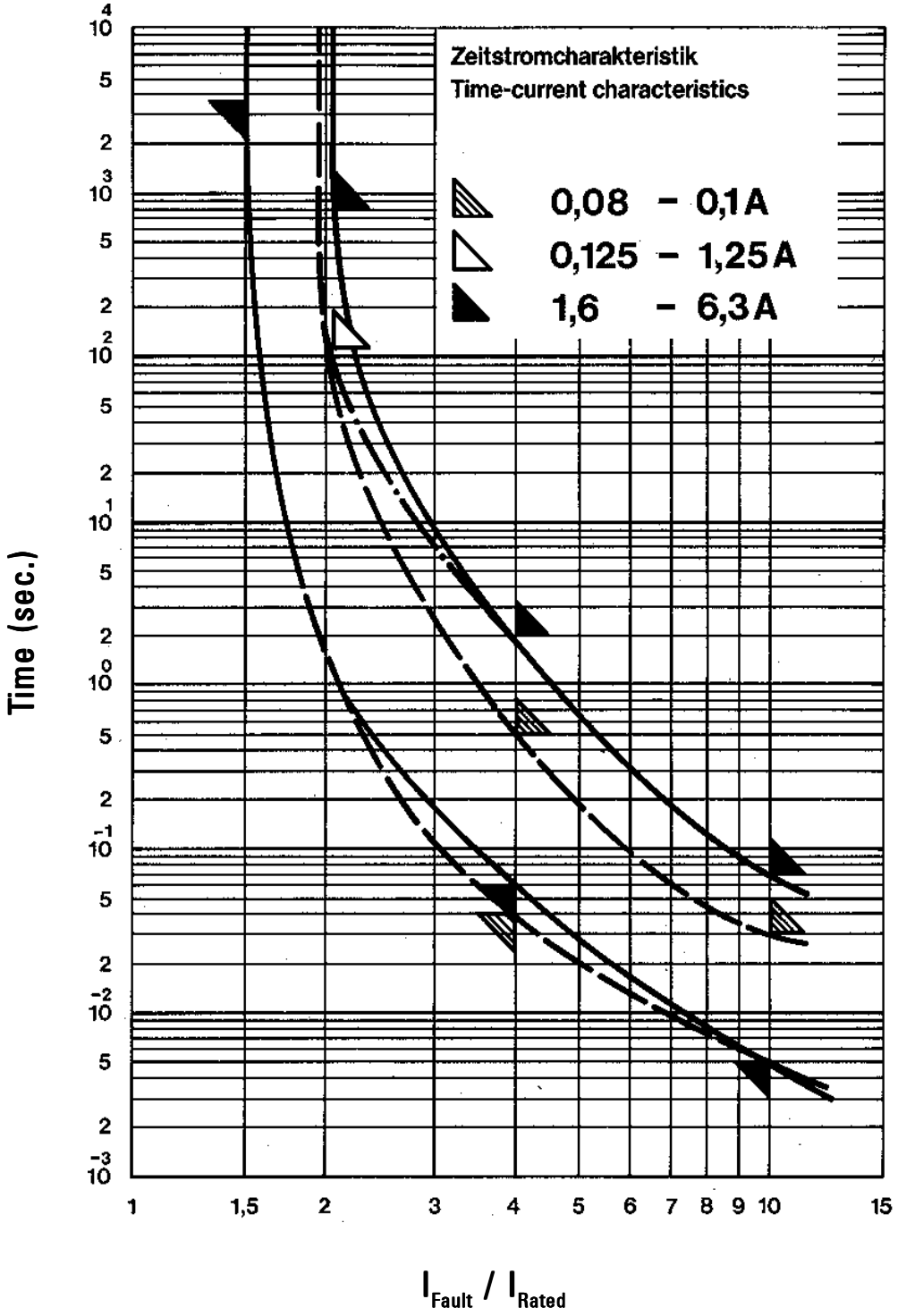

Contact Littelfuse for individual I-t curves

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