Dimensions (mm)

Ø 5,2



5x20 mm/No. 230



20

250V

Time-Current Characteristic Very Quick Acting (FF)

Standard None

Approvals None

Specifications

Packaging 000: Bulk (1.000 pcs.) 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 $\leq 75~\%$ yearly average, without dew

Vibration Resistance

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

Marking

🐼 , FF, Current Rating, 250V, E

Limits for Pre-arcing Time							
Rated Current	1.0 x I _N	1.5 x l _N	2.75 x I _N	4 x I _N	10 x I _N		
1.60 A 10.00 A	>1h	< 30 min	2 ms 100 ms	1 ms 25 ms	< 3 ms		

Permissible	continuous	operating curre	ent is \leq 80 %	at ambient t	emperature of 2	3 °C (73.4 °F).	
Rated	Amp	Voltage	Breaking	Voltage Drop	Power Dissipation	Melting Integral	Approvals
Current	Code	Rating	Capacity	1.0 x I _N 🙀	1.5 x l _n 🙀	10 x l _n 🕡	
				max. (mV)	max. (W)	max. (A ² s)	
1.60 A	1160	250 V		1000		0.12	
2.00 A	1200	250 V		600		0.35	
2.50 A	1250	250 V	1000 A @ 250 V AC	500		0.44	
3.15 A	1315	250 V	50 Hz	480		0.75	
4.00 A 5.00 A ¹	1400	250 V	$\cos \phi = 1.0$	480		1.60	
5.00 A '	1500	250 V	τος φ = 1.0	500		2.50	None
6.30 A 1	1630	250 V		480		5.00	
8.00 A	1800	250 V		400		10.00	
10.00 A ¹	2100	250 V		400		20.00	

¹ Depending on the application and mounting, the fuse heating at max. ambient temperature in a closed fuseholder should be considered.

Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Order	Qty.	Order-	Series	Amp Code	Packaging
Information		Number	230		

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.





Contact Littelfuse for individual I-t curves