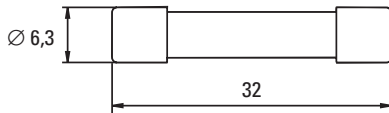


6.3x32mm / No. 231 Special Type, 500V, FF



Dimensions (mm)



Time-Current Characteristic

Very Quick Acting (FF)

Standard

None

Approvals

None

Features

- Designed for semiconductor protection
- For high voltage applications
- High breaking capacity
- Pluggable into clips or shocksafe holders

WebLinks

Data Sheet

www.wickmann.com/products/231.pdf

Time-Current Curve

www.wickmann.com/itcurves

FaxBack Document # 208

Specifications

Packaging

- 000: Bulk (500 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 ≤ 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

Marking

 , FF, Current Rating, 500V, E




Unit Weight

2.5g (approx.)

Limits for Pre-arcing Time

Rated Current	1.0 x I _{Rated} ¹	1.5 x I _{Rated}	2.75 x I _{Rated}	4 x I _{Rated}	10 x I _{Rated}
2.00A ... 16.00A	> 1h	< 30 min	2ms ... 100ms	1ms ... 25ms	< 3ms

Permissible continuous operating current is ≤ 80% 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}  max. (A ² s)	Approvals
2.00A	1200	500V	1000A / 500VAC 50-60Hz cos φ = 1.0	800	3.0	0.35	None
2.50A	1250	500V		800	3.0	0.44	
3.15A ²	1315	500V		800	3.0	0.75	
4.00A ²	1400	500V		700	3.6	1.6	
5.00A ²	1500	500V		600	3.6	2.5	
6.30A ²	1630	500V		600	3.6	5	
8.00A ²	1800	500V		600	5.2	10	
10.00A ²	2100	500V		500	5.2	20	
12.50A ²	2125	500V		500	6.3	38	
16.00A ^{1,2}	2160	500V		480	6.3	68	

¹ 16.00A: 0.9 x I_{Rated} > 1h

² Depending on the application and mounting, the fuse heating at max. ambient temperature in a closed fuseholder should be considered.

Order Information

Qty.	Order-Number	Series	Amp Code	Packaging
		231		

6.3x32mm / No. 231

