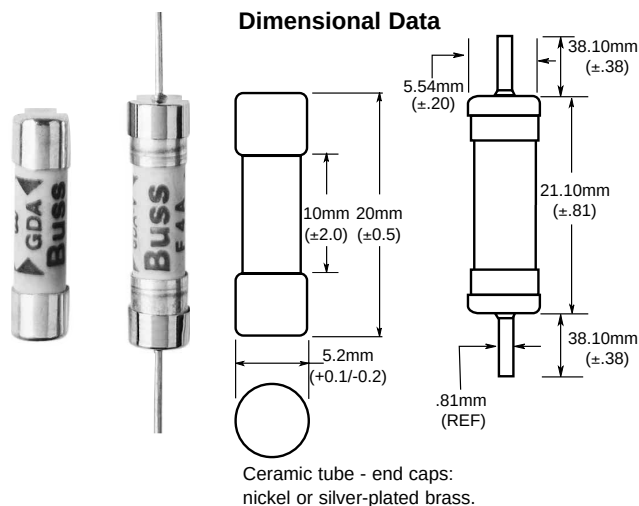


5 x 20mm Ferrule Fuses

Fast Acting, High Breaking Capacity

GDA
GDA-V



CATALOG SYMBOL: GDA
FAST ACTING
HIGH BREAKING CAPACITY
250 VOLTS AC OR LESS
UL RECOGNIZED:
(GUIDE #JDYX2, FILE #E75865)

Limits for Pre-arcing Time

In	1.5 In	2.1 In	2.75 In		4 In		10 In
	MIN	MAX	MIN	MAX	MIN	MAX	MAX
50mA - 3.15A	60 min.	30 min.	10 ms.	2 sec.	3 ms.	300 ms.	20 ms.
4A - 10A	60 min.	30 min.	10 ms.	3 sec.	3 ms.	300 ms.	20 ms.

1.1 In: $\Delta t \leq 70^\circ\text{C}$, 125mA - 3A.

1.0 In: $\Delta t \leq 70^\circ\text{C}$, 4A.

Packaging & Ordering Information:

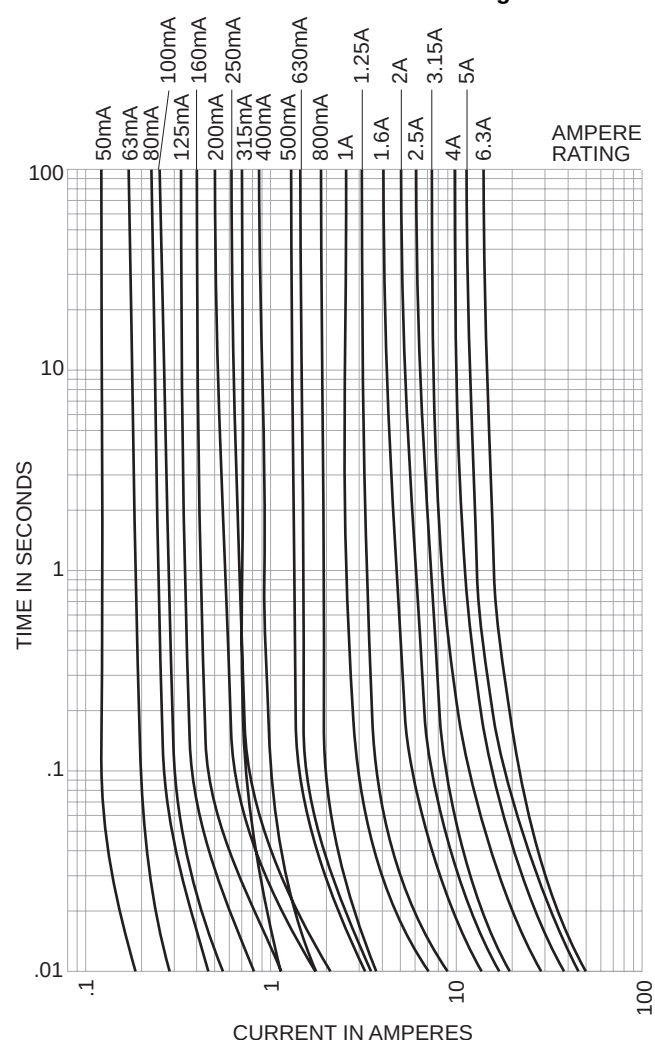
Product Symbol	Lead	Ampere Rating
GDA S501†	Package Code Blank (None) V Axial Leads GDA only .032" x 1.5" Copper Tinned	

Markings: MFG mark, Rated Current, Rated Voltage, Characteristic Symbol, Breaking Capacity Symbol, Approvals where Applicable.

† S501 is a European designation. In North America use GDA respectively when referencing product, except 8 and 10A.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000 VAC, 75-1500 VDC). Refer to BIF document #8002 or contact Bussmann Application Engineering at 314-527-1270 for more information.

Time-Current Characteristic Curves—Average Melt



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Electrical Characteristics

Current Rating (In)	Rated Voltage (V)	Breaking Capacity	Voltage Drop (mV) max.	Power Dissipation (W) max.	Pre-arcing Value (I ² t) (A ² s) typ.	BSI	VDE	SEMKO	IMQ	UR
50mA	250	1500A 250V, 50Hz cos ϕ $\approx$ 0.7 - 0.8	9000	1.1	0.0017			•		•
63mA			3300	0.36	0.0005					
80mA			2600	0.44	0.0011					
100mA			2300	0.52	0.0018					
125mA			1900	0.6	0.0037					
160mA			1600	0.64	0.008					
200mA			1350	0.75	0.020			•		
250mA			1300	0.82	0.027					
315mA			1400	1.1	0.010					
400mA			1200	1.2	0.018			•		•
500mA			1050	1.3	0.038			•		•
630mA			1200	1.5	0.064			•		•
800mA			490	1.3	0.097			•		•
1A			230	0.83	0.480			•		•
1.25A			200	0.83	0.9			•		•
1.6A			180	0.83	1.9			•		•
2A			205	1.5	2.0			•	•	•
2.5A			190	1.6	3.9			•	•	•
3.15A			160	1.7	8.1			•	•	•
4A			160	1.9	14		•	•	•	•
5A			155	2.5	25			•	•	•
6.3A			150	3.0	48		•	•	•	•
8A* **			140		100					
10A* **			140		160					

*IEC Standard 127, Sheet I does not include ratings above 6.3A.

**Product is available only as S501 series.

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