ALVOLTA
BUILT FOR POWER

ALVOLTA AMG/MEGA FUSES

40A - 500A

Key Features:

- Suitable for 12-48V Systems
- Secure Bolt-in Connection
- Seamless Integration
- Premium Tin-Plated Copper
- Various Sizes Available

Suitable for:

1 YEAR WARRANTY

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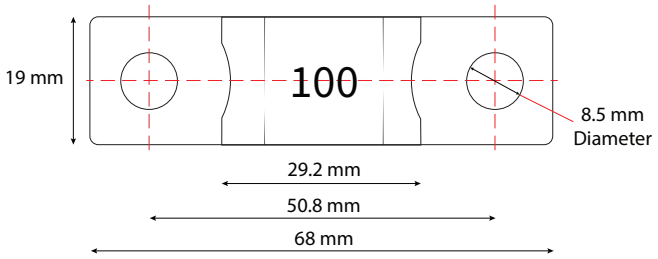
Specifications:

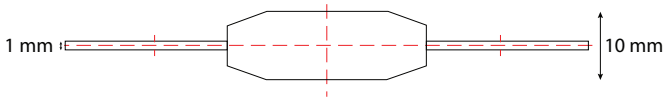
Model	AMG040	AMG050	AMG060	AMG080	AMG100	AMG125	AMG150	AMG175	AMG200	AMG225	AMG250	AMG300	AMG350	AMG400	AMG450	AMG500
Amperage	40A	50A	60A	80A	100A	125A	150A	175A	200A	225A	250A	300A	350A	400A	450A	500A
Voltage Rating	80V DC or Less															
Interrupting Voltage	2000A at 80V DC															
Typical Voltage Drop	110mV															
Mounting Torque	11-12 N.m															
Housing Material	Ceramic															
Terminal	Copper Alloy															
Operating Temperature	-40°C to +125°C															
Colour	Silver															
Compliance	ISO 8820-5 / GB/T31465.5 / UL284															
Dimensions	68 x 19 x 10mm															

Time-Current Specifications:

Test Current	Opening Time			
	40A ~ 250A		300A ~ 500A	
	Min.		Max.	
75%	-	-	4 hrs	-
100%	4 hrs	-	-	-
135%	120 s	1800 s	-	-
200%	1 s	15 s	1 s	15 s
350%	0.3 s	5 s	0.5 s	5 s
600%	0.1 s	1 s	0.1 s	1 s

Model Diagram:





*All data and specifications provided in this datasheet are tested under standard test conditions, and may deviate marginally from actual values. Alvolta and its associates reserve the right to make modifications to the provided information without notice. Alvolta maintains the goal to supply customers with the most recent information regarding its products.