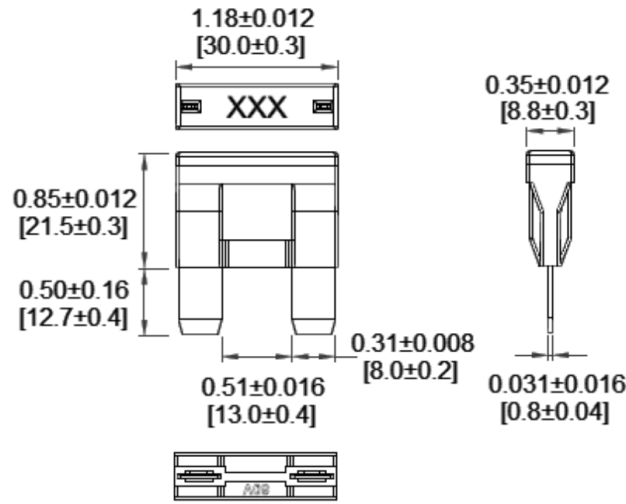


Mechanical Dimensions: Inches [mm]

Tolerances ± 0.012 [0.3] Unless Otherwise Specified



Part Numbers Information

Amperage	Body Color	Bulk Part #	Voltage Drop (mV)	Cold Resistance (mΩ)	I ² T
20A	Yellow	ANX80-UL-20A	110	3.65	1320
25A	Gray	ANX80-UL-25A	110	2.9	2188
30A	Green	ANX80-UL-30A	100	2.2	3330
35A	Brown	ANX80-UL-35A	100	1.85	4533
40A	Orange	ANX80-UL-40A	90	1.6	6240
50A	Red	ANX80-UL-50A	90	1.17	10000
60A	Blue	ANX80-UL-60A	85	1.05	14400

Electrical Specifications

Voltage Rating	80VDC
Interrupting Rating	1000A @ 80VDC
Standards	
Designed to meet SAE J1888 requirements	

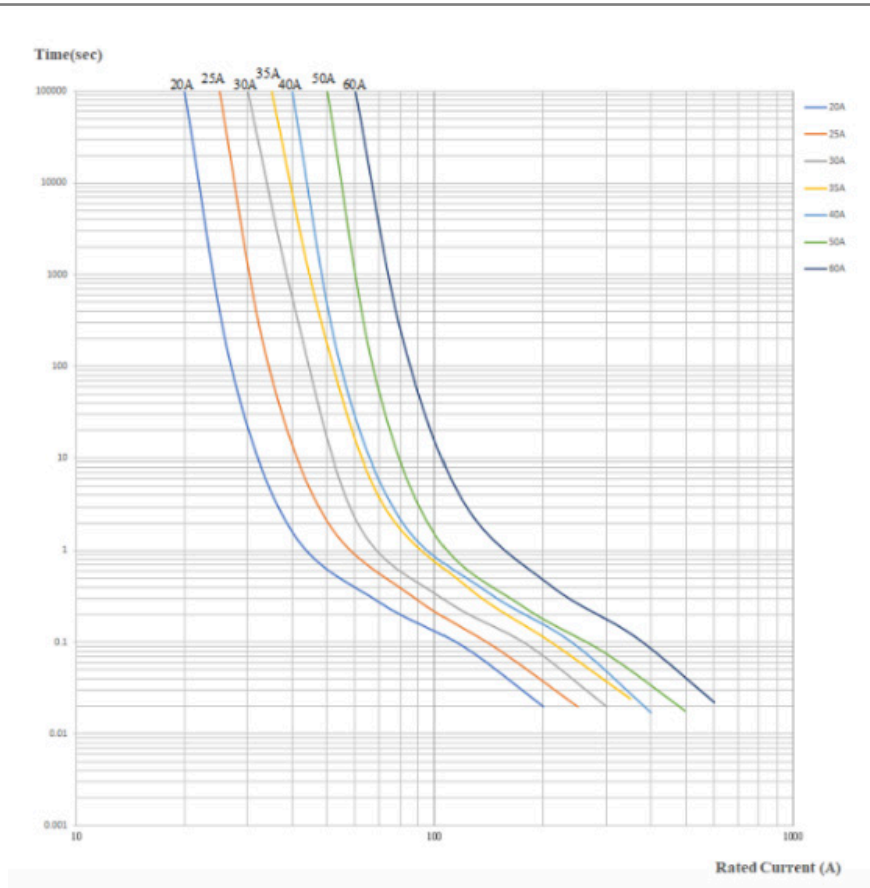
Material Specifications

Body Material	Nylon 66 with 25% Fiber Glass (UL94V-0)
Cover Material	Polycarbonate (UL94V-0)
Terminal Material	Copper Alloy, Tin Plated
Element Material	Zinc, Tin Plated

Time vs Percent of Rated Current

% of Rated Current	Min Hold Time	Max Hold Time
110%	100h	~
135%	60s	3600s
200%	2s	60s
350%	200s	7s
600%	400s	1s

Time Current Curve Graph



Rev Date of issue Revision Notes

Designed Approved

B	03-18-2025	Initial Drawing	RC	OF
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