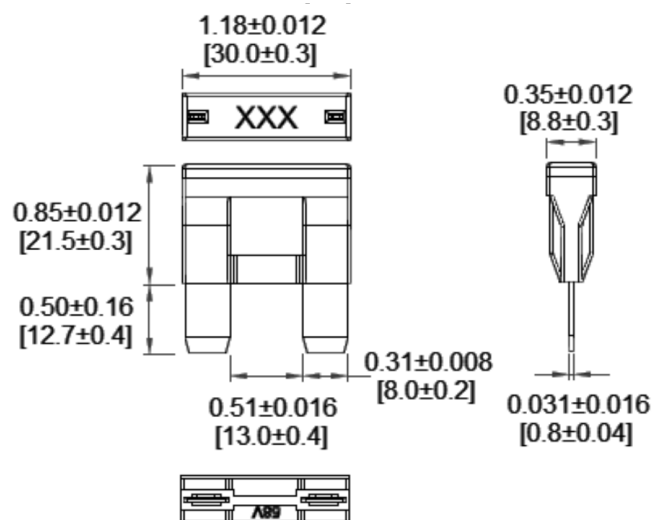


Mechanical Dimensions: Inches [mm]

Tolerances ± 0.012 [0.3] Unless Otherwise Specified

Part Numbers Information

Amperage	Body Color	Bulk Part #	Voltage Drop (mV)	Cold Resistance (m Ω)	I ² T
20A	Yellow	ANX58-UL-20A	110	3.65	1320
25A	Gray	ANX58-UL-25A	110	2.9	2188
30A	Green	ANX58-UL-30A	100	2.2	3330
35A	Brown	ANX58-UL-35A	100	1.85	4533
40A	Orange	ANX58-UL-40A	90	1.6	6240
50A	Red	ANX58-UL-50A	90	1.17	10000
60A	Blue	ANX58-UL-60A	85	1.05	14400

Electrical Specifications

Voltage Rating 58VDC

Interrupting Rating 1000A @ 58VDC

Standards 

Designed to meet SAE J1888 requirements

Material Specifications

Body Material Nylon 66 with 25% Fiber Glass (UL94V-0)

Cover Material Polycarbonate (UL94V-0)

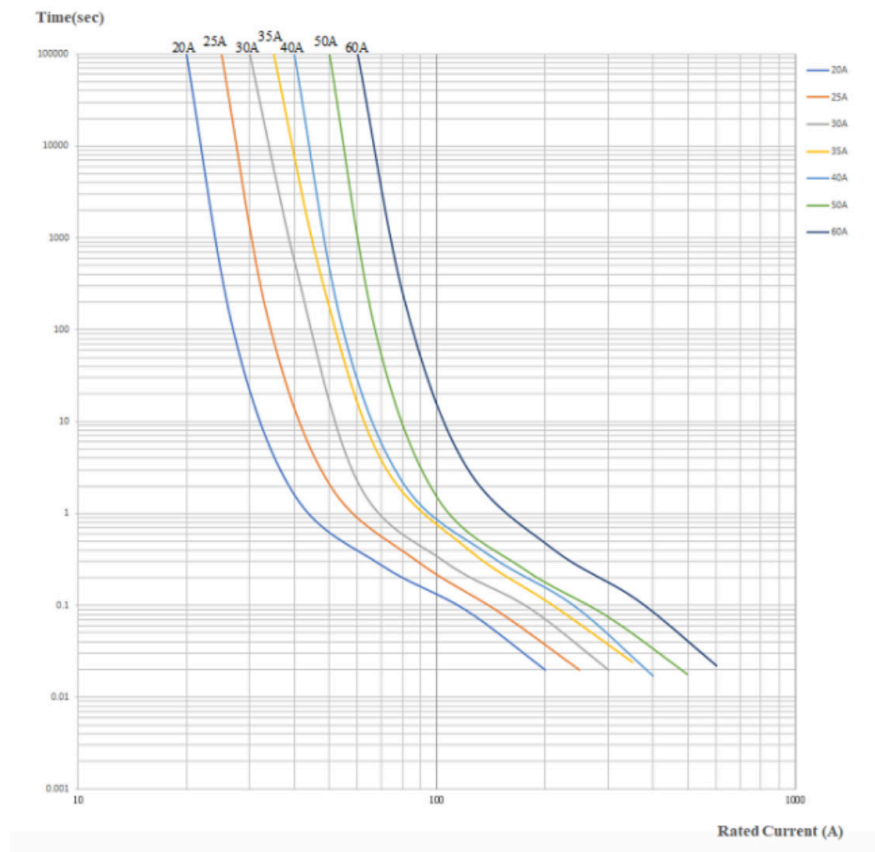
Terminal Material Copper Alloy, Tin Plated

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%	40s	1s

Time Current Curve Graph



Rev Date of issue Revision Notes

Designed Approved

B

03-18-2025

Initial Drawing

RC

OF