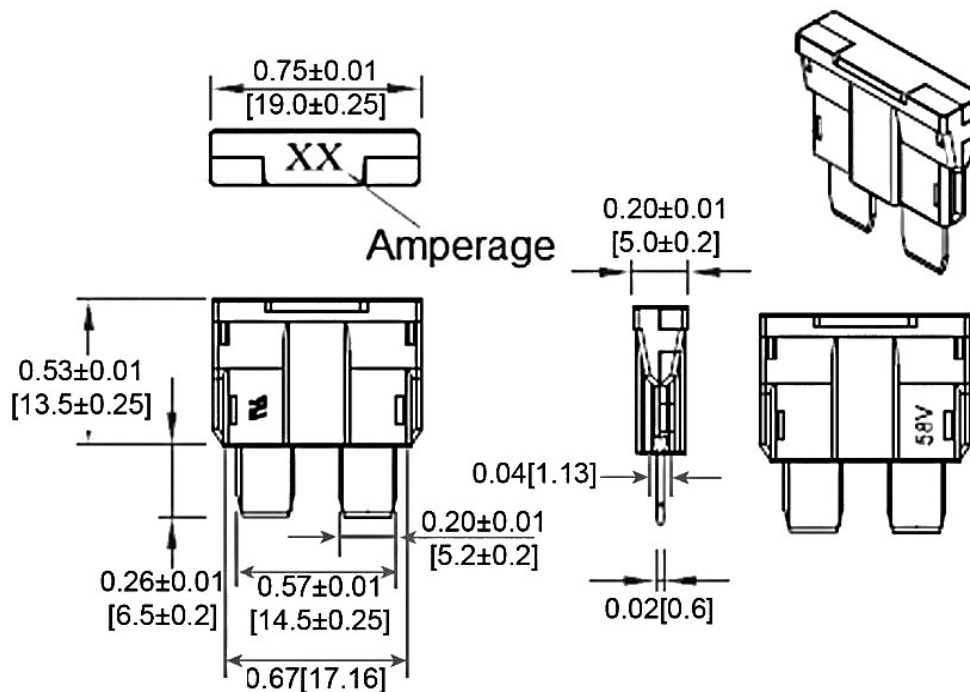


**Mechanical Dimensions: Inches [mm]**

Tolerances  $\pm 0.012$  [0.3] Unless Otherwise Specified



**Part Numbers Information**

Amperage	Body Color	Bulk Part #	Voltage Drop	Cold Resistance (mΩ)	I <sup>2</sup> T
500mA	Dark Blue	ANR58-UL-500mA	150mV	290	0.3
1A	Black	ANR58-UL-1A	125mV	100	2.3
2A	Gray	ANR58-UL-2A	120mV	43	9.6
3A	Violet	ANR58-UL-3A	110mV	30	16.2
4A	Pink	ANR58-UL-4A	110mV	22	36.8
5A	Tan	ANR58-UL-5A	110mV	16	62.5
6A	Light Red	ANR58-UL-6A	-	-	-
7A	Light Orange	ANR58-UL-7A	-	-	-
7.5A	Brown	ANR58-UL-7.5A	90mV	9	73.1
8A	Light Yellow	ANR58-UL-8A	-	-	-
10A	Red	ANR58-UL-10A	90mV	6.5	210
12A	Light Pink	ANR58-UL-12A	-	-	-
15A	Blue	ANR58-UL-15A	90mV	4	270
16A	Light Green	ANR58-UL-16A	-	-	-
20A	Yellow	ANR58-UL-20A	90mV	3	360
25A	Clear	ANR58-UL-25A	80mV	1.9	813
30A	Green	ANR58-UL-30A	80mV	1.65	1530
35A	Blue Green	ANR58-UL-35A	70mV	145	1960
40A	Orange	ANR58-UL-40A	70mV	1.25	3200

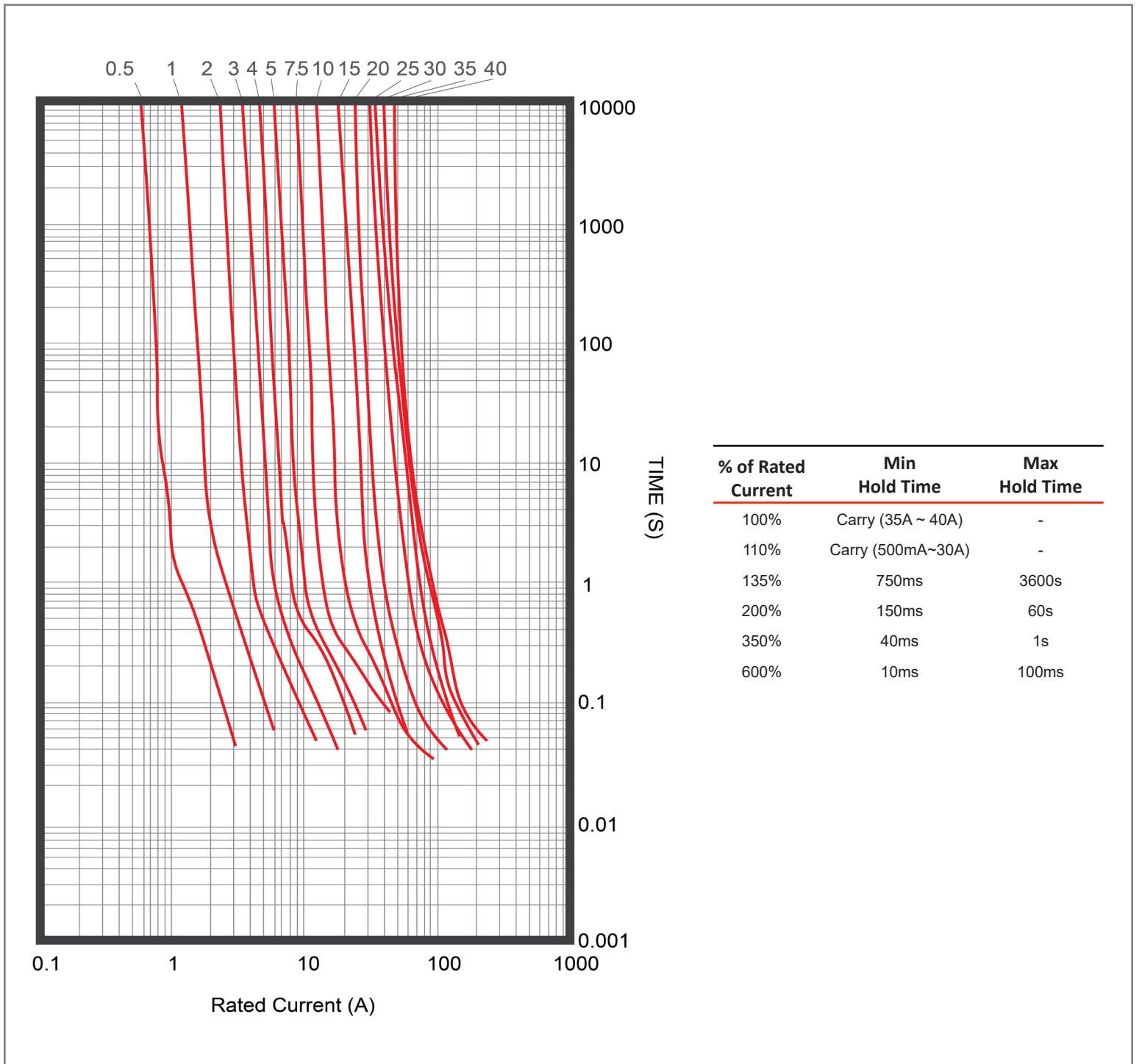
**Electrical Specifications**

Voltage Rating	58VDC
Interrupting Rating	1000A @ 58VDC
Standards	(Meets UL 248-1 Special Purpose Fuse requirements)

**Material Specifications**

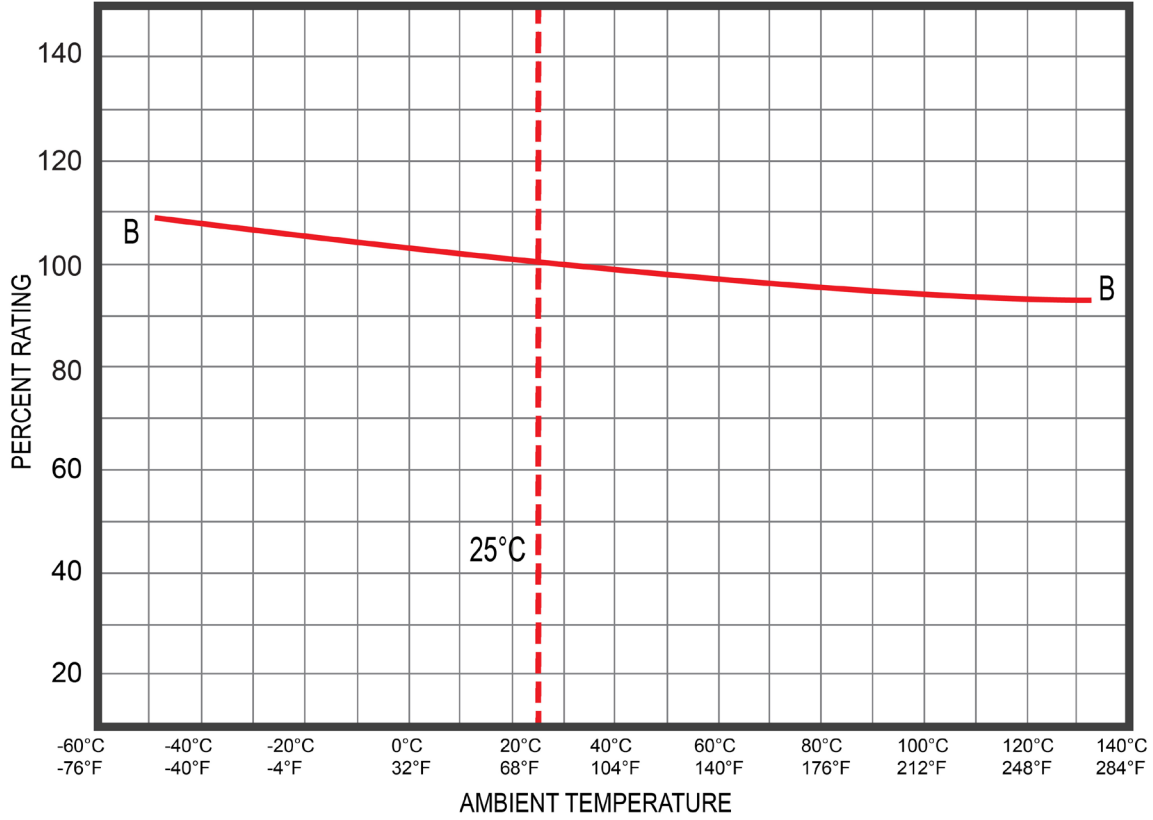
Body Material	Nylon 66 with 30% Fiber Glass
Terminal Material	Zinc Alloy, Tin Plated

**Time vs Percent of Rated Current**



Temperature De-Rating Curve

CHART SHOWING EFFECT OF AMBIENT TEMPERATURE  
ON CURRENT-CARRYING CAPACITY.



Rev	Date of issue	Revision Notes	Designed	Approved
E	04-08-2026	Add temperature derating curve	RC	OF