

# Type ANR58-UL Automotive Blade Fuse Standard - Voltage 58V w/ UR Approval



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(619) 593-5050

## Specifications:

- Voltage: 58VDC 250VAC
- Amperage: 500mA, 1A, 2A, 3A, 4A, 5A, 6A, 7A, 7.5A, 8A, 10A, 12A, 15A, 16A, 20A, 25A, 30A, 35A, 40A

## · Material:

Body – Nylon 66 with  
30% Fiber Glass UL94V-0

Terminals – Copper Alloy, Tin plated

Interrupt Rating: 1000A @ 58 VDC  
400A @ 250 VAC

**Standards:** UL248-1 Special Purpose Fuse

## Time Characteristics:

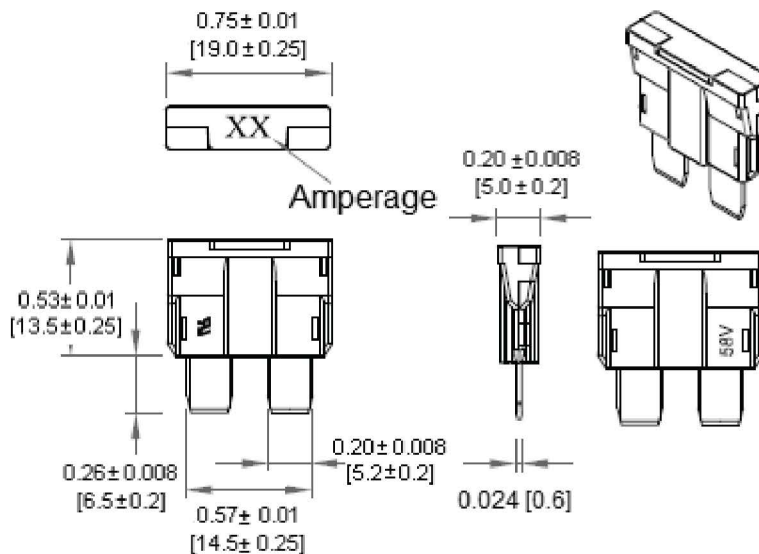
| % of Rated Current | Min Hold Time     | Max Hold Time |
|--------------------|-------------------|---------------|
| 100%               | Carry (35A~40A)   | ---           |
| 110%               | Carry (500mA~30A) | ---           |
| 135%               | 750ms             | 3600s         |
| 200%               | 150ms             | 60s           |
| 350%               | 40ms              | 1s            |
| 600%               | 10ms              | 100ms         |

Working Temperature: -40°C~125°C

Agency Standards and Listings:



**Mechanical Dimensions: Inches [mm]**



| Part Number    | Amperage | Body Color   | Voltage Drop (mV) | Cold Resistance | I <sup>2</sup> T |
|----------------|----------|--------------|-------------------|-----------------|------------------|
| ANR58-UL-500MA | 500mA    | Dark Blue    | 150               | 290 mΩ          | 0.3              |
| ANR58-UL-1A    | 1A       | Black        | 125               | 100 mΩ          | 2.3              |
| ANR58-UL-2A    | 2A       | Gray         | 120               | 43.0 mΩ         | 9.6              |
| ANR58-UL-3A    | 3A       | Violet       | 110               | 30.0 mΩ         | 16.2             |
| ANR58-UL-4A    | 4A       | Pink         | 110               | 22.0 mΩ         | 36.8             |
| ANR58-UL-5A    | 5A       | Tan          | 110               | 16.0 mΩ         | 62.5             |
| ANR58-UL-6A    | 6A       | Light Red    | ---               | ---             | ---              |
| ANR58-UL-7A    | 7A       | Light Orange | ---               | ---             | ---              |
| ANR58-UL-7.5A  | 7.5A     | Brown        | 90                | 9.00 mΩ         | 73.1             |
| ANR58-UL-8A    | 8A       | Light Yellow | ---               | ---             | ---              |
| ANR58-UL-10A   | 10A      | Red          | 90                | 6.50 mΩ         | 210              |
| ANR58-UL-12A   | 12A      | Light Pink   | ---               | ---             | ---              |
| ANR58-UL-15A   | 15A      | Blue         | 90                | 4.00 mΩ         | 270              |
| ANR58-UL-16A   | 16A      | Light Green  | ---               | ---             | ---              |
| ANR58-UL-20A   | 20A      | Yellow       | 90                | 3.00 mΩ         | 360              |
| ANR58-UL-25A   | 25A      | Clear        | 80                | 1.90 mΩ         | 813              |
| ANR58-UL-30A   | 30A      | Green        | 80                | 1.65 mΩ         | 1530             |
| ANR58-UL-35A   | 35A      | Blue Green   | 70                | 1.45 mΩ         | 1960             |
| ANR58-UL-40A   | 40A      | Orange       | 70                | 1.25 mΩ         | 3200             |

## Warning:



-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.

-Avoid contact of device with chemical solvent. Prolonged contact will damage the device performance.

Note: All specifications subject to change without notice.

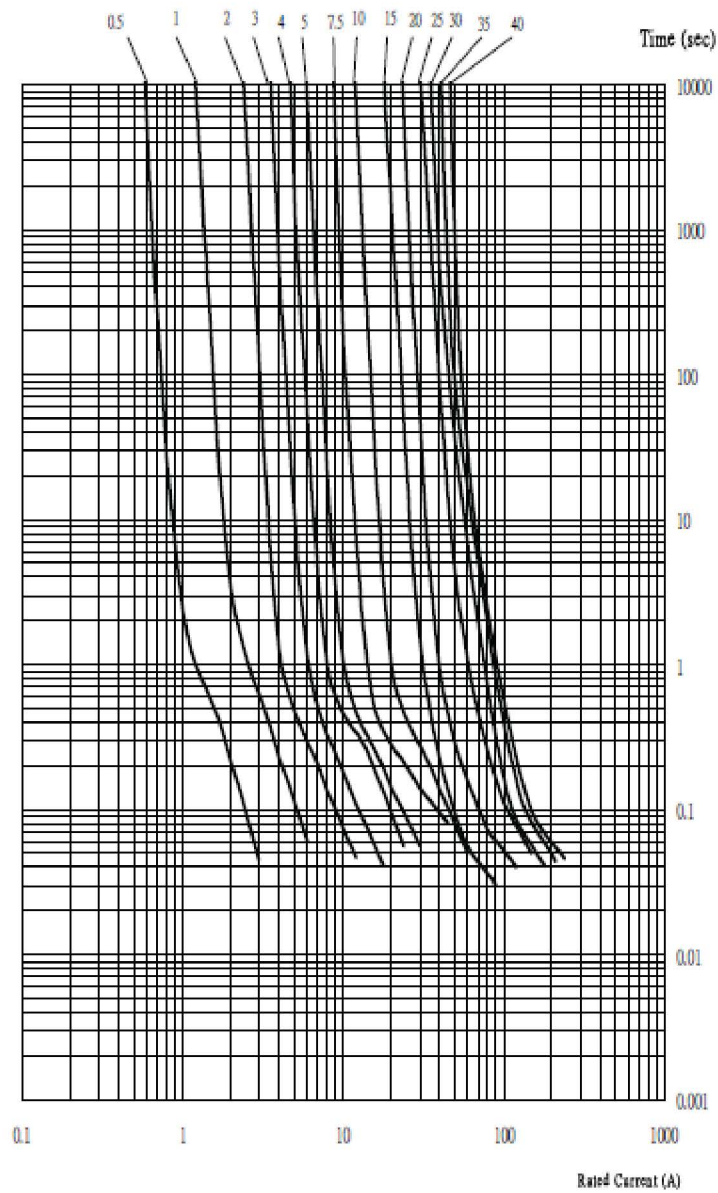
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**Time Current Curve Graph**



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