

# Blade Terminal & Special Purpose Fuses

## 481 Series Alarm Indicating Fuse



- Ideal for telecommunications and control panel circuits.
- Eliminates down time by immediately pinpointing the blown (open) circuit while triggering LED or audio alarm, while placed in mating holder (482 Series).
- Clear plastic lens option available for additional safety.

### ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time
100%	10 minutes, <b>Minimum</b>
150%	5 minutes, <b>Maximum</b>

**AGENCY APPROVALS:** Recognized under the Components Program of Underwriters Laboratories and the Components Acceptance Program of CSA.

**AGENCY FILE NUMBERS:** UL E71611, CSA LR 29862

### INTERRUPTING RATINGS:

- 450 amperes at 60 VDC
- 300 amperes at 125 VAC (up to 20 amperes)
- 300 amperes at 125 VDC (up to 15 amperes)
- 200 amperes at 125 VDC (up to 20 amperes)

### ENVIRONMENTAL SPECIFICATION:

**Operating Temperature:** -55°C to +125°C

### PHYSICAL SPECIFICATIONS:

#### Construction Materials:

- Body: Polyphenylene Sulfide (UL 94V0)
- Terminations: Beryllium Copper/Tin Plated
- Optional Lens: Nylon

### PACKAGING SPECIFICATIONS:

Available in five (5) packs or boxes of one hundred (100). When ordering a Five (5) Pack, please add the letter 'V' after the catalog number. When ordering a one hundred (100) piece box, add a 'H'. To order the part with a Protective Lens, add the letters 'XL' after the package code.

### ORDERING INFORMATION:

Catalog Number	Ampere Rating (A)	Voltage Rating	Body Color Code	Nominal Cold Resistance Ohms	Minimum Melting I <sup>2</sup> t (A <sup>2</sup> Sec.)
0481.180	18/100	125 VAC & 125 VDC	Yellow	6.25	0.00808
0481.200	1/5		Red/Black	5.70	0.0140
0481.250	1/4		Violet	4.20	0.0356
0481.375	3/8		Gray/White	2.00	0.028
0481.500	1/2		Red	1.52	0.139
0481.650	65/100		Black	1.25	0.278
0481.750	3/4		Brown	.980	0.363
0481001.	1		Gray	.665	0.733
04811.33	1 1/3		White	.480	1.58
048101.5	1 1/2		Yellow/White	.385	2.55
0481002.	2		Orange	.120	5.29
048102.5	2 1/2		Orange/White	.0904	9.46
0481003.	3		Blue	.0670	11.2
048103.5	3 1/2		Blue/White	.0415	10.5
0481004.	4		Brown/White	.0350	15.4
0481005.	5		Green	.0285	26.2
048107.5	7 1/2		Black/White	.0113	42.8
0481010.	10		Red/White	.00840	115.3
0481012.	12	Green/Yellow	.00660	222.5	
0481015.	15	Red/Blue	.00580	294.22	
0481020.	20*	Green/White	.00394	570.0	
0481000.	Dummy		∅		

\*20A Fuseholder must be used. Fuse is keyed to prevent insertion in lower rated holders. 20A Fuseholder is designed to accept all ratings up to 20 amperes.



### Reference Dimensions:



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### Average Time Current Curves

