

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, Min imum
150%	5 minutes, Max imum

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:

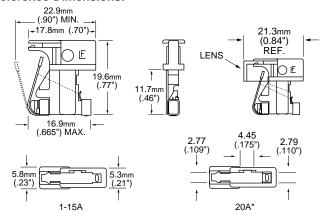
Catalog Number	Ampere Rating (A)	Voltage Rating	Body Color Code	Nominal Cold Resistance Ohms	Minimum Melting I ² t (A ² Sec.)
0481.180 0481.200 0481.250 0481.375 0481.500 0481.650 0481.750	18/100 1/5 1/4 3/8 1/2 65/100 3/4		Yellow Red/Black Violet Gray/White Red Black Brown	6.25 5.70 4.20 2.00 1.52 1.25	0.00808 0.0140 0.0356 0.028 0.139 0.278 0.363
0481 001. 0481 1.33 0481 01.5 0481 002. 0481 02.5	1 1 ¹ / ₃ 1 ¹ / ₂ 2 2 ¹ / ₂	125 VAC & 125 VDC	Gray White Yellow/White Orange Orange/White	.665 .480 .385 .120 .0904	0.733 1.58 2.55 5.29 9.46
0481003. 048103.5 0481004. 0481005. 048107.5 0481010. 0481012. 0481020.	3 3 ¹ / ₂ 4 5 7 ¹ / ₂ 10 12 15 20*		Blue Blue/White Brown/White Green Black/White Red/White Green/Yellow Red/Blue Green/White	.0670 .0415 .0350 .0285 .0113 .00840 .00660 .00580 .00394	11.2 10.5 15.4 26.2 42.8 115.3 222.5 294.22 570.0

*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

