

# **ROHS** 481 Series Alarm Indicating Fuse







#### **Agency Approvals**

Agency	Agency File Number
(II)	E71611
<b>(4)</b>	LR 29862

#### **Electrical Characteristics**

% of Ampere Rating	Opening Time
100%	10 Minutes, Minimum
150%	5 Minutes, Maximum

### **Description**

481 Series alarm indicating fuses are designed to reduce down time by immediately pinpointing the blown (open) circuit while triggering an LED or audio alarm. This item requires 482 Series mating fuse holder.

All ranges of 481 Series fuses are available as our original design, and the 2-20 amp range is now available as a RoHS compliant option (use the "P" designator when ordering). See the part numbering section of this data sheet for related ordering instructions.

#### **Features**

- Color-coded indicator flags indicate ampere rating.
- Clear plastic lens option available for additional safety.
- Body is constructed of black plolyphenylene sulfide with UL-94V0 flammability rating.
- Contacts made of bright alloy-plated beryillioum copper.

#### **Applications**

Ideal for telecommunications and control panel circuits

## **Electrical Characteristics**

Ampere Rating	Amp	Max Voltage	Interrupting	Body Color Code	Nominal Cold Resistance (Ohms)	Nominal Melting I²t (A² Sec.)	Agency Approvals	
(A) Code	Code	Rating (V)	Rating				<b>47</b> .	<b>(</b>
0.180*	.180		450A @ 60 VDC 300A @ 125 VAC (up to 20A)	Yellow	6.25	0.00808	Х	Х
0.200*	.200			Red/Black	5.70	0.0140	Х	X
0.250*	.250			Violet	4.20	0.0356	Х	X
0.375*	.375			Gray/White	2.00	0.028	X	X
0.500*	.500			Red	1.52	0.139	X	X
0.650*	.650			Black	1.25	0.278	X	X
0.750*	.750			Brown	.980	0.363	X	X
1.00*	001.			Gray	.665	0.733	X	X
1.33*	1.33			White	.480	1.58	X	X
1.50*	01.5	125 VAC		Yellow/White	.385	2.55	X	X
2.00	002.	&	300A @ 125 VDC (up to 15A)	Orange	.120	5.29	X	X
2.50	02.5	125 VDC		Orange/White	.0904	9.46	X	X
3.00	003.		(up to 15A)	Blue	.0670	11.2	X	X
3.50	03.5		200A @ 125 VDC	Blue/White	.0415	10.5	X	X
4.00	004.		(up to 20A)	Brown/White	.0350	15.4	X	X
5.00	005.		(up to 20/1)	Green	.0285	26.2	X	X
7.50	07.5			Black/White	.0113	42.8	X	X
10.0	010.			Red/White	.00840	115.3	X	X
12.0	012.			Green/Yellow	.00660	222.5	X	X
15.0	015.			Red/Blue	.00580	294.22	X	X
20.0**	020.			Green/White	.00394	570.0	X	X

<sup>\* 0.180</sup>A thru 1.5A items are not available for sale as a RoHS compliant "P" option

20A Fuseholder is designed to accept all ratings up to 20 amperes

<sup>\*\*20</sup>A Fuseholder must be used. Fuse is keyed to prevent insertion in lower rated holders.

# Special Application Fuses 481 Series Alarm Indicating Fuse

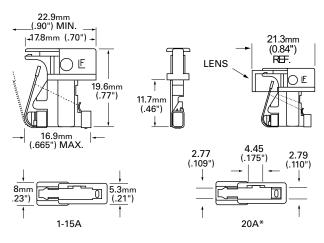


#### **Product Characteristics**

	Body: Polyphenylene Sulfide (UL 94VO)	
Material	Terminations: Beryllium Copper/Tin Plated	
	Optional Lens: Nylon	
Vibration	Per MIL-STD-202F	

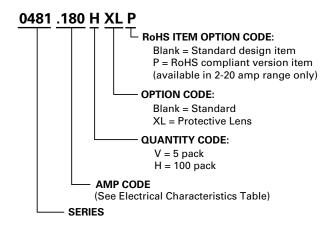
Operating Temperature	– 55°C to 90°C.	
Thermal Shock	Withstands 5 cycles of – 55°C to 125°C	
Insulation Resistance (After Opening)	Greater than 10,000 ohms.	

#### **Dimensions**



\*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.

# **Part Numbering System**



# **Average Time Current Curves**

