

捷多邦,专业PCB打样工厂,24小时加急出货

Axial Lead and Cartridge Fuses

Subminiature Glass Body

2AG Slo-Blo[®] Fuse 229/230/290/291 Series

The 2AG Slo-Blo[®] fuses are available in cartridge form or with axial leads. Axial leaded fuses are board washable. 2AG fuses provide the same performance characteristics as their 3AG counterpart, while occupying one-third the space. Sleeved fuses are available. **ELECTRICAL CHARACTERISTICS:**

% of Ampere Rating	Opening Time	
110%	4 hours, Minimum	
135%	1 hour, Maximum	
200%	3 seconds, Minimum	
	20 seconds, Maximum	

AGENCY APPROVALS: Listed by Underwriters Laboratories and Certified by CSA through 3.5 amperes. Recognized under the Components Program of Underwriters Laboratories from 4 through 7 amperes. 229 004 and 229 005 approved by MITI. 230 001 through 230 005 approved by METI.

AGENCY FILÉ NUMBERS: UL E10480, CSA LR 29862. FUSES TO MIL SPEC: 229 and 230 Series are available to DSCC Drawing #87108. To order, change 229 to 290 or 230 to 291. INTERRUPTING RATINGS:

ODTIONIC, 000	Carles available on tone and rea
1.25–3.5A	100 amperes at 250VAC
0.25–1A	35 amperes at 250VAC
4–7A	400 amperes at 125VAC
0.25–3.5A	10,000 amperes at 125VAC

OPTIONS: 230 Series available on tape and reel.

PACKAGING SPECIFICATIONS: Tape and Reel per EIA-296; T1: 52.4mm (2.062") taped spacing; For 1,500 per reel, 10mm (.40") spacing, add packaging suffix, DRT1. For 2,500 per reel, 5mm (.20") spacing, add packaging suffix, ERT1.

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature: -55°C to 125°C. Shock: MIL-STD-202, Method 213, Test Condition I

(100 G's peak for 6 milliseconds).

Vibration: MIL-STD-202, Method 201 (10–55 Hz, 0.06 inches total excursion).

Salt Spray: MIL-STD-202 Method 101, Test Condition B (48 hours). Insulation Resistance (After Opening): MIL-STD-202, Method 302, Test Condition B.

Resistance to Soldering Heat: (Axial Leaded Fuses): MIL-STD-202, Method 210A, Test Condition B (260°C, 3 Seconds). Thermal Shock: MIL-STD-202, Method 107, Test Condition B (-65°C to 125°C).

Moisture Resistance: MIL-STD-202, Method 106 (90-98% RH, 65°C).

PEAK WITHSTAND CURRENT (Ip): These fuses will withstand 50 repetitions of a double exponential impulse wave having peak currents (lp) and peak voltages as listed.

PHYSICAL SPECIFICATIONS:

Materials: Glass Body, Nickel-Plated Brass Fuse Caps. (Insulating sleeve option available).

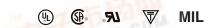
Soldering parameters:

Wave solder — 500°F (260°C), 3 seconds Max. Reflow solder — Not recommended. Solderability: (Axial Leaded Fuses): MIL-STD-202,

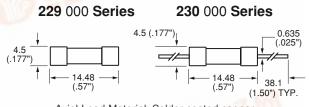
Method 208.

PACKAGING SPECIFICATIONS: Tape and Reel pitch per EIA-296; T1: 52.4mm (2.062") taped spacing; For 1,500 per reel, add packaging suffix, DRT1. For 2,500 per reel, 5mm (.20") add packaging bit suffix, ERT1, insulating sleeve option available.

NOTE 12 logo, Sofies number, amperage rating, voltage rating, and UL and CSA logos are stamped on the fuse caps.



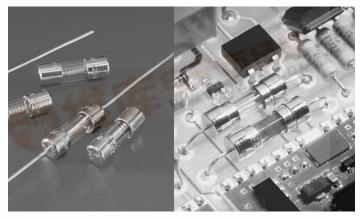




Axial Lead Material: Solder coated copper.

2AG Indicating Slo-Blo® Type Fuse

The 2AG Indicating Slo-Blo[®] fuse instantly identifies itself upon opening by showing a discoloration of its glass body. Guesswork and time consuming circuit testing are eliminated. This unique design offers the same quality performance characteristics as the standard 2AG fuse design.



* When ordering the 2AG Indicating Slo-Blo Fuse, an 'S' is required after the catalog number.

Example:

-1A Indicating Slo-Blo® Fuse = 230 001S



Axial Lead and Cartridge Fuses

Subminiature Glass Body

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2AG Slo-Blo® Type

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ORDERING INFORMATION:

Cartridge Catalog Number	Axial Lead Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I ² t A ² Sec.
229 .250	230 .250	1/4	250	2.41	0.216
229 .350	230 .350	.350	250	1.30	0.490
229 .375	230 .375	3/8	250	1.16	0.580
229 .500	230 .500	1/2	250	0.688	1.16
229 .600	230 .600	6/10	250	0.477	1.75
229 .750	230 .750	3/4	250	0.340	2.95
229 .800	230 .800	8/10	250	0.304	3.45
229 001	230 001	1	250	0.210	5.64
229 1.25	230 1.25	1 ¹ / ₄	250	0.145	9.80
229 01.5	230 01.5	1 ¹ / ₂	250	0.107	15.0
229 002	230 002	2	250	0.0692	30.0
229 2.25	230 2.25	2 ¹ / ₄	250	0.0562	39.0
229 02.5	230 02.5	2 ¹ / ₂	250	0.0498	50.0
229 003	230 003	3	250	0.0380	77.0
229 03.5	230 03.5	3 ¹ / ₂	250	0.0310	110.0
229 004	230 004	4	125	0.0256	148.0
229 005	230 005	5	125	0.0185	267.0
229 006	230 006	6	125	0.0140	380.0
229 007	230 007	7	125	0.0115	464.0

2AG Surge Withstand Specifications

2AG Surge Withstand Fuse combines conventional overcurrent protection with the ability to withstand high current, short duration pulses. These fuses comply with the short circuit requirements of UL 1459 for telephone equipment. Insulating Sleeve Option available.

ELECTRICAL CHARACTERISTICS:

Short Circuit Capabilities:

UL 60950 (UL 1459 Included):	60A,	600VAC
	40A,	600VAC
	7A,	600VAC
	2.2A,	600VAC

Meets UL 497 Specifications

% of Ampere Rating	Opening Time
110%	4 hours, Min imum
135%	1 hour, Maximum
200%	3 seconds, Minimum; 20 seconds, Maximum

AGENCY APPROVALS: Listed by Underwriters Laboratories and Certified by CSA.

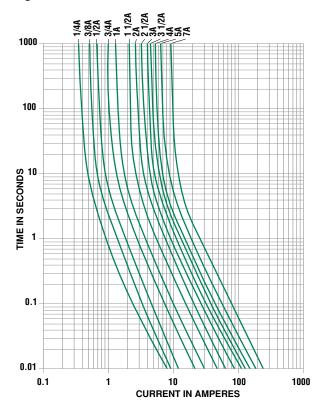
AGENCY FILE NUMBERS: UL E10480, CSA LR 29862. **INTERRUPTING RATINGS:** 1/4-11/4A 10.000 amperes at 125VAC

1/4–1A	35 amperes at 250VAC
11/4A	100 amperes at 250VAC

11/1/	ree amperee at E		
Amperage Rating	10 x 160 microsec. 1500V	10 x 560 microsec. 800V	10 x 1000 microsec. 1000V
1/4	23.0A	16.6A	12.4A
35/100	34.0A	25.8A	19.3A
3/8	40.0A	25.4A	19.0A
1/2	60.0A	37.7A	28.2A
6/10	71.0A	47.2A	35.3A
3/4	91.0A	65.5A	49.0A
8/10	104.0A	68.9A	51.6A
1	130.0A	88.6A	66.3A
1 ¹ / ₄ ¹	162.0A	118.1A	100.0A

1500A peak, 2500V, 2 x 10 microseconds, 20 repetitions.

Average Time Current Curves



2AG Special Surge Withstand (U)

Slo-Blo® Type

AXIAL LEAD PART NUMBER: 220 003 (0.35A) **ELECTRICAL CHARACTERISTICS:**

Amperes	Opening Time
0.35A 0.6A 2.0A 6.0A	4 hours, Min imum 90 seconds, Max imum 2 seconds, Max imum 0.5 second, Max imum

INTERRUPTING RATINGS: Same as 230 Series.

LIGHTNING SURGE WITHSTAND CAPABILITY: 25 amperes peak, 800V, 10 x 560 microseconds.

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