

Electronic Fuses

3AG/3AB Type

312/318 Series 3AG Fast Acting Fuse



Designed for fast acting protection of electronic equipment and appliances. The "standard" fast acting, glass tube fuse.

Voltage Rating: 250V: 1/100 – 10A.
32V: 12 – 35A.

Dimensions: 1/4" x 1 1/4" (6.4 x 31.8mm)

Order 312 series without leads.

Example part number (series & amperage): **312.375**

Note: For fuses with axial leads, request 318 series.

To order a 3AG "Dummy" fuse request part number 310033.

Ampere Ratings:

1/100	2/10	1	2 1/2	12
1/32	1/4	1 1/4	3	15
1/16	3/10	1 1/2	4	20
1/10	3/8	1 5/10	5	25
1/8	1/2	1 3/4	6	30
15/100	6/10	1 8/10	7	35
0.175	8/10	2	8	
3/16	3/4	2 1/4	10	

Approvals: Standard 248-14, UL Listed 1/100-10 Amps and UL Listed 12 – 30 Amps per Standard UL 275. CSA Certified through 30 Amps.

314/324 Series 3AB Fast Acting Fuse



Similar to 312 series, but ceramic tube permits additional ampere ratings: 250 volt ratings through 30 amps.

Voltage Rating: 250V: 1/8 – 30A

Dimensions: 1/4" x 1 1/4" (6.4 x 31.8mm)

Order 314 series without leads.

Example part number (series & amperage): **324.375**

Note: For fuses with axial leads, request 324 series.

Ampere Ratings:

1/8	3/4	4	8	20
1/4	1	5	10	25
3/8	2	6	12	30
1/2	3	7	15	

Approvals: Standard 248-14, UL Listed and CSA Certified 1/8 – 15 Amps. UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program 20 – 30 Amps. Approved by MITI from 10 – 30 Amps.

313/315 Series 3AG SLO-BLO® Fuse



313 and 315 series fuses have time-delay in the overload range, which provides superior protection for inductive loads such as motors, transformers, and solenoids.

Voltage Rating: 250V: 1/100 – 8A. 32V: 10 – 30A.

Dimensions: 1/4" x 1 1/4" (6.4 x 31.8mm)

Order 313 series without leads.

Example part number (series & amperage): **313.500**

Note: For fuses with axial leads, request 315 series.

To order a 3AG "Dummy" fuse request part number 310033.

Ampere Ratings:

1/100	15/100	3/8	8/10	1 8/10	3 2/10	10
1/32	0.175	4/10	1	2	4	12
4/100	3/16	1/2	1 2/10	2 1/4	5	15
1/16	2/10	6/10	1 1/4	2 1/2	6 1/4	20
1/10	1/4	7/10	1 1/2	2 8/10	7	25
1/8	3/10	3/4	1 6/10	3	8	30

Approvals: Standard 248-14, UL Listed and CSA Certified 1/100-8 Amps. UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program 10 – 30 Amps. MITI approved 1 – 5 Amps.

326/325 Series 3AB SLO-BLO® Fuse



The 326 series fuse has time-delay similar to the 313 series, but the ceramic body permits higher voltage ratings for the 8 – 30 ampere sizes and faster opening of short-circuits.

Voltage Rating: 250V: 1/100 – 20A.

125V: 25 – 30A.

Dimensions: 1/4" x 1 1/4" (6.4 x 31.8mm)

Order 326 series without leads.

Example part number (series & amperage): **326012**

Note: For fuses with axial leads, request 325 series.

Ampere Ratings:

1/100	3/16	6/10	1 1/2	4	15
1/32	2/10	7/10	1 5/10	5	20
1/16	1/4	3/4	2	6 1/4	25
1/10	3/10	8/10	2 1/2	7	30
1/8	3/8	1	2 9/10	8	
15/100	4/10	1 2/10	3	10	
0.175	1/2	1 1/4	3 2/10	12	

Approvals: Standard 248-14, UL Listed 1/4 – 10 Amps. UL Recognized under the Components Program 12-30 Amps. CSA Certified 1/4 – 30 Amps.

Electronic Fuses

Indicating Types

229/230 Series 2AG SLO-BLO® Indicating Fuse



2AG indicating fuses instantly identify themselves upon opening by showing a discoloration of their glass bodies. Guesswork and time consuming circuit testing is eliminated. This unique design offers the same quality performance characteristics as the standard 2AG fuse design.

Voltage Rating: 250V: ¼ – 3½A; 125V: 4 – 7A

Dimensions: .177" x .57" (4.5 x 14.5mm)

For fuses with axial leads, request 230___S series.

Order 229___S series without leads.

Example part number (series & amperage): **22902.5S**

Ampere Ratings:

¼	¾	2	4
.350	8/10	2¼	5
¾	1	2½	6
½	1¼	3	7
6/10	1½	3½	

Approvals: Standard 248-14, UL Listed and CSA Certified ¼ – 3½ Amps. UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program 4 – 7 Amps.

313 Series 3AG SLO-BLO® Indicating Fuse



3AG indicating fuses instantly identify themselves upon opening by showing a discoloration of their glass bodies. Guesswork and time consuming circuit testing is eliminated. This unique design offers the same quality performance characteristics as the standard 3AG fuse design.

Voltage Rating: 250V: ½ – 8A; 32V: 10A.

Dimensions: ¼" x 1¼": (6.4 x 31.8mm)

Example part number (series plus amperage, followed by "ID"): **313007ID**

Ampere Ratings:

½	1½	3	5	7	10
1	2	4	6¼	8	

Approvals: Standard 248-14, UL Listed and CSA Certified ½ – 8 Amps. The 10 Amp is UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program.

215 Series (Type T) 5 x 20mm SLO-BLO® Fuse



Time-delay protection of electronic equipment and appliances when fuses to International Standards are required. Replacement fuses for foreign equipment.

Voltage Rating: 250V AC

Design Standards: Meets IEC 60127-2, Sheet 5 Specification for Time Lag fuses.

Dimensions: 5mm x 20mm (.2 x .79 in.)

Example part number (series & amperage): **215.315**

Note: For fuses with axial leads add "XE" extension to the part number. Example 215.630XE

Ampere Ratings:

.200	.400	.800	1.6	3.15	6.3
.250	.500	1	2	4	8*
.315	.630	1.25	2.5	5	10*

*Available but not included in International Standards. Interrupting Capacity: 1500A

Approvals: UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program. SEMKO, VDE, and BSI approved 1 – 6.3 Amps. MITI approved 1 – 10 Amps.

Electronic Fuses

5 x 20mm IEC Type

216 Series (Type F) 5 x 20mm Fast-Acting Fuse



Fast acting protection of electronic equipment and appliances when fuses to International Standards are required. Replacement fuse for foreign equipment.

Voltage Rating: 250V AC
Design Standards: Meets IEC 60127-2, Sheet 1 Specification for Fast-Acting Fuses.
Dimensions: 5mm x 20mm (.2 x .79 in.)
 Example part number (series & amperage): **216.200**

Note: For fuses with axial leads add "XE" extension to the part number. Example 216.630XE

Ampere Ratings:

.050	.125	.315	.800	2	5
.063	.160	.400	1	2.5	6.3
.080	.200	.500	1.25	3.15	8*
.100	.250	.630	1.6	4	10*

*Available but not included in International Standards. Interrupting Capacity: 1500A

Approvals: UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program. SEMKO and VDE approved through 6.3 Amps. BSI approved 1 – 6.3 Amps.

217 Series (Type F) 5 x 20mm Fast-Acting Fuse



Fast-acting protection of electronic equipment and appliances when fuses to International Standards are required. Replacement fuse for foreign equipment.

Voltage Rating: 250V AC
Dimensions: 5mm x 20mm (.2 x .79 in.)
 Example part number (series & amperage): **217.050**
Design Standards: Meets IEC 60127-2, Sheet 2 Specification for Fast Acting Fuses.

Note: For fuses with axial leads add "XE" extension to the part number. Example 217.630XE

Ampere Ratings:

.032	.080	.200	.500	1.25	3.15	8*
.040	.100	.250	.630	1.6	4	10*
.050	.125	.315	.800	2	5	15*
.063	.160	.400	1	2.5	6.3	

*Available but not included in International Standards. Interrupting Capacity: 35A or 10x rated current, whichever is greater.

Approvals: UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program. SEMKO and VDE approved through 6.3 Amps. BSI approved 0.4 – 6.3 Amps.

218 Series (Type T) 5 x 20mm SLO-BLO® Fuse



Time-delay protection of electronic equipment and appliances when fuses to International Standards are required. Replacement fuses for foreign equipment.

Voltage Rating: 250V AC
Dimensions: 5mm x 20mm (.2 x .79 in.)
 Example part number (series & amperage): **218.630**
Design Standards: Meets IEC 60127-2, Sheet 3 Specification for Time Lag Fuses.

Note: For fuses with axial leads add "XE" extension to the part number. Example 218.630XE

Ampere Ratings:

.032	.080	.200	.500	1.25	3.15	8*
.040	.100	.250	.630	1.6	4	10*
.050	.125	.315	.800	2	5	15*
.063	.160	.400	1	2.5	6.3	

*Available but not included in International Standards. Interrupting Capacity: 35A or 10x rated current, whichever is greater.

Approvals: UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program. SEMKO and VDE approved through 6.3 Amps. BSI approved 0.8 – 6.3 Amps.

Electronic Fuses

5 x 20mm and 2AG Type

235 Series 5 x 20mm Fast-Acting fuse



5 x 20mm fuses designed to UL and CSA standards. Fast Acting protection of electronic equipment appliances.

Voltage Rating: 250V: 1/10 – 3A; 125V: 4 – 6A.

Dimensions: 5mm x 20mm (.2 x .79 in.)

Example part number (series & amperage): **235.600**

Note: For fuses with axial leads add "XE" extension to the part number. Example 235.600XE

Ampere Ratings:

1/10	3/10	7/10	1 6/10	4
1/8	4/10	8/10	2	5
2/10	1/2	1	2 1/2	6
1/4	6/10	1 1/4	3	

Approvals: Standard 248-14, UL Listed and CSA Certified. MITI approved 1 – 5 Amps.

239 Series 5 x 20mm SLO-BLO® fuse



5 x 20mm fuses designed to UL and CSA standards. For protection of electronic equipment and appliances.

Voltage Rating: 250V: 2/10 – 3A. 125V: 4A.

Dimensions: 5mm x 20mm (.2 x .79 in.)

Example part number (series & amperage): **239.400**

Note: For fuses with axial leads add "XE" extension to the part number. Example 239.600XE

Ampere Ratings:

2/10	4/10	7/10	1	2	4
1/4	1/2	3/4	1 1/4	2 1/2	5
3/10	6/10	8/10	1 6/10	3	

Approvals: Standard 248–14, UL Listed and CSA Certified. MITI approved 1 – 5 Amps.

225/224 Series 2AG Fast-Acting fuse



Fast acting performance of the 312, 3AG fuses in less than one-third the space. For protection of electronic equipment and appliances.

Voltage Rating: 250V: 1/10 – 3 1/2A. 125V: 4 – 10A

Dimensions: 2AG Fuse .177" x .57" (4.5 x 14.5mm)

Example part number (series & amperage): **224.500**

Note: For fuses with axial leads, request series number 224. Order 225 series without leads.

Ampere Ratings:

1/10	3/8	1	2 1/2	4	7
1/8	1/2	1 1/2	3	5	8
1/4	3/4	2	3 1/2	6	10

Approvals: Standard 248–14, UL Listed and CSA Certified. 224 series approved by MITI 1 – 5 Amps.

229/230 Series 2AG SLO-BLO® fuse



229 series 2AG fuses have time-delay of 313 series 3AG fuses in less than one-third the space. They provide superior protection for inductive loads such as motors, transformers, and solenoids. Use whenever time-delay fuses are indicated.

Voltage Rating: 250V: 1/4 – 3 1/2A; 125V: 4 – 7A.

Dimensions: 2AG Fuse .177" x .57" (4.5 x 14.5mm)

Example part number (series & amperage): **229.375**

Note: For fuses with axial leads, request series number 230. Order 229 series without leads.

Ampere Ratings:

1/4	6/10	1 1/2	2 1/2	4	6
3/8	3/4	2	3	5	7
1/2	1	2 1/4	3 1/2		

Approvals: Standard 248-14, UL Listed and CSA Certified 1/4 – 3 1/2 Amps. UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program 4 – 7 Amps.

Electronic Fuses

Subminiature Type

272/278 Series Fast-Acting Microfuse

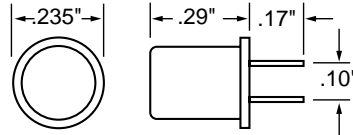


Fast acting Microfuses for protection of printed circuit boards and similar equipment.

Voltage Rating: 125V AC

Example part number (series & amperage): **27201.5**

Note: 278 series has 1" leads



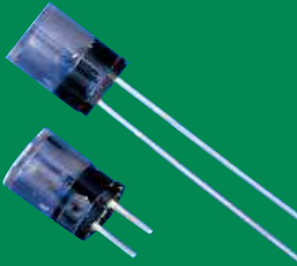
Ampere Ratings:

1/500	1/32	1/8	4/10	3/4	2
1/200	1/20	2/10	1/2	8/10	3
1/100	1/16	1/4	6/10	1	4
1/64	1/10	3/10	7/10	1 1/2	5

Approvals: UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program.

For data on 262 and 268 series High Reliability (Hi-Rel) microfuses, request Electronic Catalog.

273/279 Series Fast-Acting Microfuse

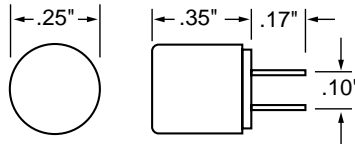


Similar to 272 and 278 series, except has transparent cap for visual indication of fuse status.

Voltage Rating: 125V AC

Example part number (series & amperage): **273002**

Note: 279 series has 1" leads

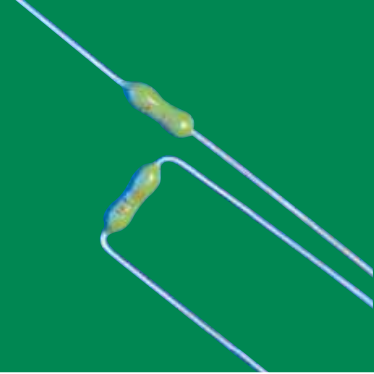


Ampere Ratings:

1/500	1/32	1/8	4/10	3/4	2
1/200	1/20	2/10	1/2	8/10	3
1/100	1/16	1/4	6/10	1	4
1/64	1/10	3/10	7/10	1 1/2	5

Approvals: UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program.

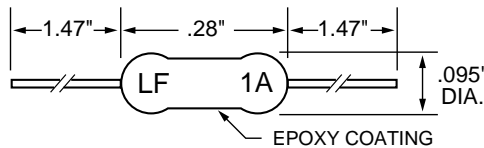
251/252 Series Fast-Acting Pico®II Fuse



Subminiature fuse for soldered mounting on printed circuit boards. Available on tape and reel for automatic insertion.

Voltage Rating: 125V: 1/16 – 10A; 32V: 12 – 15A.

Example part number (series & amperage): **251.125**



Ampere Ratings:

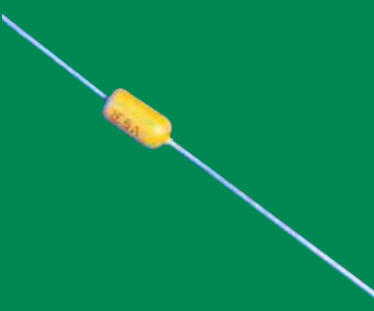
1/16	3/8	1	2 1/2	4	10
1/8	1/2	1 1/2	3	5	12
1/4	3/4	2	3 1/2	7	15

Approvals: UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program.

Order 252 series for radial leads. To order PICO II fuses with ampere ratings color-coded, order 255 series for axial leads and 256 for radial leads.

For data on 265 and 266 series High Reliability (Hi-Rel) Pico fuses, request Electronic Catalog. For information on PICO II 250V fast-acting fuses, contact factory.

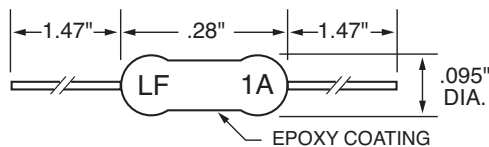
473 Series SLO-BLO® Pico®II Fuse



Subminiature time-delay fuse for soldered mounting on printed circuit boards. Available on tape and reel for automatic insertion. Request bulletin PB-1027 for further information.

Voltage Rating: 125V AC

Example part number (series & amperage): **473005**



Ampere Ratings:

3/8	3/4	1 1/2	2 1/4	3	4	7
1/2	1	2	2 1/2	3 1/2	5	

Approvals: UL Recognized under the Components Program and CSA Recognized under the Component Acceptance Program. MITI approved 1 – 5 Amp.