3AG Fast-Acting Type 312/318 Series

QPL

A standard for cost-effective reliability and performance in circuit protection, the 3AG fuse satisfies a broad range of application requirements.

ELECTRICAL CHARACTERISTICS:

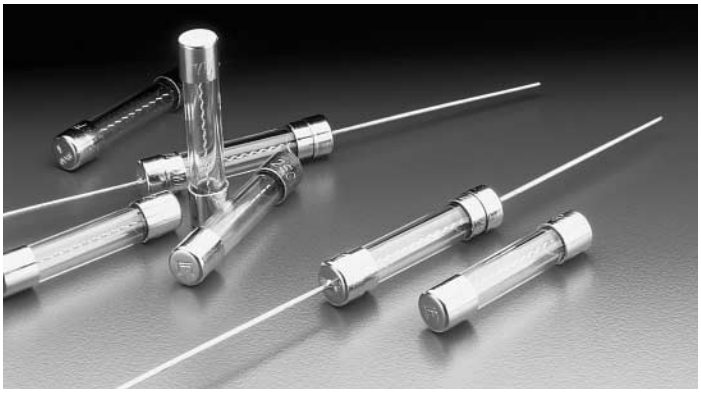
% of Ampere Rating	Ampere Rating	Opening Time
110%	1/32–35	4 hours, **Min**imum
135%	1/32–35	1 hour, **Max**imum
200%	1/32–10	5 sec., **Max**imum
	12–30	10 sec., **Max**imum
	35	20 sec., **Max**imum

AGENCY APPROVALS: Listed by Underwriters Laboratories and Certified by CSA through 30 amperes.
1/100–10 amperes listed to UL 248-14 (UL 198-G)
12–30 amperes listed to UL 275.

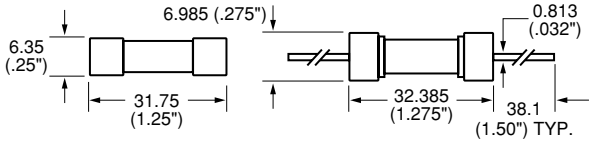
AGENCY FILE NUMBERS: UL E10480, CSA LR 29862.

FUSES TO MIL SPEC: See F02A cartridge type in Military Section.

INTERUPTING RATING:
10,000A @ 125VAC
35A @ 250VAC

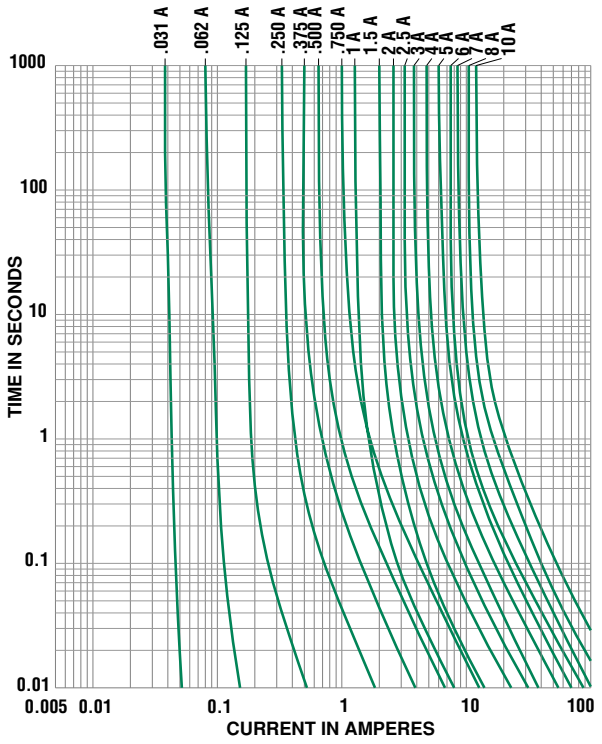


312 000 **Series** **318** 000 **Series**



Axial Lead Material: Solder coated copper.

ORDERING INFORMATION:

Cartridge Catalog Number	Axial Lead Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I^2t A^2 Sec.
312.031	**318**.031	1/32	250	23.3	0.0000300
312.062	**318**.062	1/16	250	24.5	0.000249
312.100	**318**.100	1/10	250	11.2	0.00102
312.125	**318**.125	1/8	250	7.10	0.00289
312.150	**318**.150	15/100	250	5.10	0.00550
312.175	**318**.175	.175	250	3.85	0.00960
312.187	**318**.187	3/16	250	3.40	0.0128
312.200	**318**.200	2/10	250	3.00	0.0165
312.250	**318**.250	1/4	250	2.00	0.0355
312.300	**318**.300	3/10	250	1.40	0.0689
312.375	**318**.375	3/8	250	0.820	0.185
312.500	**318**.500	1/2	250	0.495	0.483
312.600	**318**.600	6/10	250	0.360	0.880
312.750	**318**.750	3/4	250	0.243	1.84
312 001	**318** 001	1	250	0.189	0.760
312 1.25	**318** 1.25	1 1/4	250	0.138	1.45
312 01.5	**318** 01.5	1 1/2	250	0.103	2.35
312 01.6	**318** 01.6	1 6/10	250	0.0930	2.80
312 1.75	**318** 1.75	1 3/4	250	0.0850	3.60
312 01.8	**318** 01.8	1 8/10	250	0.0820	3.85
312 002	**318** 002	2	250	0.0700	5.20
312 2.25	**318** 2.25	2 1/4	250	0.0590	7.20
312 02.5	**318** 02.5	2 1/2	250	0.0510	9.54
312 003	**318** 003	3	250	0.0424	14.0
312 004	**318** 004	4	250	0.0291	28.5
312 005	**318** 005	5	250	0.0223	50.0
312 006	**318** 006	6	250	0.0177	81.1
312 007	**318** 007	7	250	0.0145	118.0
312 008	**318** 008	8	250	0.0121	166.0
312 010	**318** 010	10	250	0.00925	298.0
312 012	—	12	32	0.0071	—
312 015	—	15	32	0.0052	—
312 020	—	20	32	0.0034	—
312 025	—	25	32	0.0024	—
312 030	—	30	32	0.0019	—
312 035	—	35	32	0.0013	—

Average Time Current Curves