



Part Number: **314007P**

Technology: **Fuses**

Series: **314P**

**314P Series- Lead-Free and RoHS compliant 3AB Fast-Acting Ceramic Fuses**

- Lead-Free and RoHS Compliant
- Similar to 312 series, but ceramic tube permits additional ampere ratings:
  - 250 volt ratings through 20 amps
  - 125 volts through 30 amps.

### Electrical Characteristics

Property	Value
Amp Rating (A)	7
Form Factor	3AG/3AB (6.3x32mm)
Fuse Class	Supplemental
$I^2t$ (A <sup>2</sup> Sec)	71
Opening Characteristic	Fast-Acting
Resistance (Ohms)	0.0187
Voltage Rating (V)	250

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# Axial Lead and Cartridge Fuses

## Ceramic Body

**RoHS** **Pb** **3AB** Fast-Acting Fuse 314P/324P Series



Ceramic body construction permits higher interrupting ratings and voltage ratings. Ideal for applications where high current loads are expected.

### ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Ampere Rating	Opening Time
100%	1/8–30	4 hours, <b>Minimum</b>
135%	1/8–30	1 hour, <b>Maximum</b>
200%	1/8–12	15 seconds, <b>Maximum</b>
	15–30	30 seconds, <b>Maximum</b>

**AGENCY APPROVALS:** Listed by Underwriters Laboratories and Certified by CSA through 15 amperes at 250 VAC/125 VDC. Recognized under the Components Program of Underwriters Laboratories at 20-30A, certified by CSA at 20A, and approved by METI from 10 through 30 amperes.

**AGENCY FILE NUMBERS:** UL E10480, CSA LR 29862.

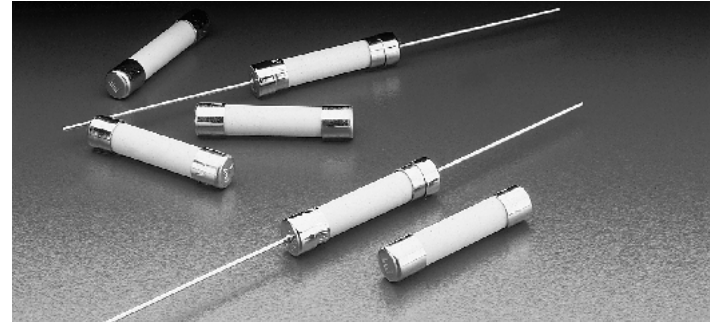
### INTERRUPTING RATINGS:

0.125 - 20A	10,000 @ 125 VAC
25- 30A	400A @ 125 VAC
0.125 - .75A	35A @ 250 VAC
1 - 3A	100A @ 250VAC
4 - 15A	750A @ 250VAC
20A	1,000A @ 250VAC
	200A @ 300VAC
25-30A	100A @ 250VAC
15-25A*	50A @ 280VAC

### ORDERING INFORMATION:

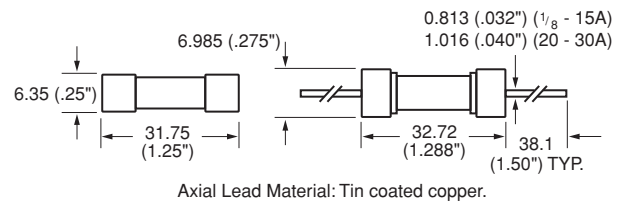
Cartridge Catalog Number	Axial Lead Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec.
314.125P	324.125P	1/8	250	6.20	0.00149
314.250P	324.250P	1/4	250	1.95	0.0140
314.375P	324.375P	3/8	250	0.820	0.050
314.500P	324.500P	1/2	250	0.500	0.115
314.750P	324.750P	3/4	250	0.250	0.466
314.001P	324.001P	1	250	0.189	0.690
314.002P	324.002P	2	250	0.0700	11.0
314.003P	324.003P	3	250	0.0432	14.6
314.004P	324.004P	4	250	0.0470	10.4
314.005P	324.005P	5	250	0.0300	26.0
314.006P	324.006P	6	250	0.0240	45.0
314.007P	324.007P	7	250	0.0187	71.0
314.008P	324.008P	8	250	0.0153	105.0
314.010P	324.010P	10	250	0.0105	206.0
314.012P	324.012P	12	250	0.00760	570.0
314.015P	324.015P	15	250	0.00505	292.0
314.020P	324.020P	20	250	0.00355	631.0
314.025P	324.025P	25	250	0.00235	1450.0
314.030P	324.030P	30	250	0.00182	2490.0

\*50A @ 280VAC interrupting rating available for 15A, 20A and 25A devices. Add suffix '280'. Example: 0324025.MX280P.



### 314 000P Series

### 324 000P Series



### Average Time Current Curves

