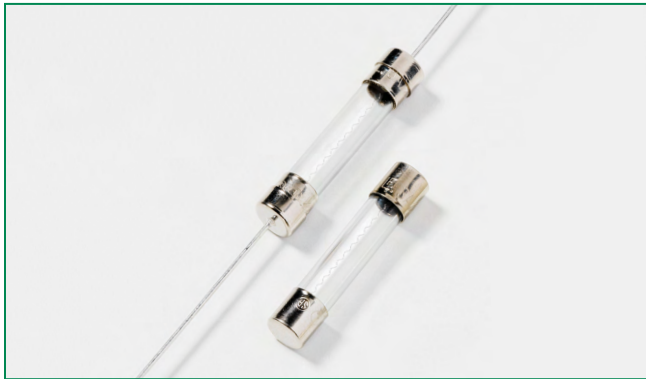


### 312/318 Series Lead-Free 3AG, Fast-Acting Fuse



#### Description

The 3AG Fast-Acting Fuse solves a broad range of application requirements while offering reliable performance and cost-effective circuit protection.







#### Features

- In accordance with UL Standard 248-14
- Available in cartridge and axial lead format and with various forming dimensions
- RoHS compliant and Lead-free

#### Applications

Used as supplementary protection in appliance or utilization equipment to provide individual protection for components or internal circuits.

#### Agency Approvals

Agency	Agency File Number	Ampere Range
	E10480	312 Series: 0.062A - 30A 318 Series: 0.062A - 10A
	29862	312 Series: 0.062A - 30A 318 Series: 0.062A - 10A
	NBK040205-E10480B/F NBK040205-E10480D/H	312/318 Series 1A-5A 312/318 Series 6A-10A
	E10480	318 Series: 12A - 30A
	SU05001-6008 SU05001-5005 SU05001-5006	312/318 Series: 1-2A 312/318 Series: 3-6A 312/318 Series: 7-10A
	N/A	312 Series: 0.062A - 10A 318 Series: 0.062A - 10A

#### Electrical Characteristics for Series

% of Ampere Rating	Ampere Rating	Opening Time
100%	0.062A – 35A	4 hours, Minimum
135%	0.062A – 35A	1 hour, Maximum
200%	0.062A – 10A	5 sec., Maximum
	12A – 30A	10 sec., Maximum
	35A	20 sec., Maximum

#### Additional Information



**Datasheet**  
312 Series



**Resources**  
312 Series



**Samples**  
312 Series



**Accessories**  
312 & 318 Series



**Datasheet**  
318 Series



**Resources**  
318 Series



**Samples**  
318 Series

For recommended fuse accessories for this product series, see ['Recommended Accessories'](#) section.

### Electrical Characteristic Specifications by Item

Amp Code	Ampere Rating (A)	Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec)	Agency Approvals						
						UL	cRU <sub>US</sub>	K	PS E	SF	CE	
.062	0.062	250	35A@250Vac 10KA@125Vac	24.7000	0.000249	x				x	x	
.100	0.1	250		11.2800	0.00171	x				x	x	
.125	0.125	250		7.1450	0.00289	x				x	x	
.150	0.15	250		5.1300	0.00550	x				x	x	
.175	0.175	250		3.8750	0.00960	x				x	x	
.187	0.187	250		3.4200	0.0128	x				x	x	
.200	0.2	250		3.0200	0.0165	x				x	x	
.250	0.25	250		2.0100	0.0355	x				x	x	
.300	0.3	250		1.4050	0.0689	x				x	x	
.375	0.375	250		0.8250	0.185	x				x	x	
.500	0.5	250		0.4980	0.483	x				x	x	
.600	.6	250		0.3620	0.880	x				x	x	
.750	0.75	250		0.2445	1.84	x				x	x	
001.	1	250		0.1900	0.760	x			x	x	x	x
1.25	1.25	250		100A@250Vac 10KA@125Vac	0.1385	1.45	x		x	x	x	x
01.5	1.5	250	0.1036		2.35	x			x	x	x	
01.6	1.6	250	0.0934		2.80	x		x	x	x	x	
1.75	1.75	250	0.0856		3.60	x			x	x	x	
01.8	1.8	250	0.0825		3.85	x			x	x	x	
002.	2	250	0.0704		5.20	x			x	x	x	x
2.25	2.25	250	0.0594		7.20	x			x	x	x	x
02.5	2.5	250	0.0513		9.54	x			x	x	x	x
003.	3	250	0.0427		14.0	x			x	x	x	x
004.	4	250	200A@250Vac 10KA@125Vac		0.0293	28.5	x			x	x	x
005.	5	250		0.0224	50.0	x			x	x	x	x
006.	6	250		0.0178	118.0	x			x	x	x	x
007.	7	250		0.0146	81.0	x			x	x	x	x
008.	8	250		0.0122	166.0	x			x	x	x	x
010.	10	250		0.0093	298.0	x			x	x	x	x
012.*	12	32		300A@32 Vac	0.0072	234.6	x			x**		
015.*	15	32	0.0052		490.5	x			x**			
020.*	20	32	0.0035		1414	x			x**			
025.*	25	32	0.0024		2041	x			x**			
030.*	30	32	0.0019		3717	x			x**			
035.	35	32	0.0013		7531							

NOTES:

\*\* For 318 Series 12A to 30A, the agency approval is only cURus.