A70P

Amp-Trap® Form 101

HIGH SPEED FUSES



A70P Amp-Trap® Form 101 high speed fuses were developed for higher voltage AC and DC drives, UPS systems, reduced voltage motor starters and similar applications where lower I^2t and superior reliability are needed. A70P is a very popular fuse, available in a wide range of ratings. Typically used for replacement.

FEATURES/BENEFITS

- Low I^2t minimizes damage to protected components on short circuit
- Controlled arc voltage reduces stress to circuit components during fuse clearing
- Choice of mounting types helps in equipment design

Catalog Numbering System

A	70	P	300	- 4	TI
Amp-Trap® Fuse	**Rated Volts - 700**	**Style**	**Amperes***	**Mounting Types*** **Ferrule:** 1 **Blades, bolt-in:** 4 **Hockey puck, bolt-in:** 128	**Integral Blown-Fuse Indicator** **Trigger Indicator:** TI **Trigger Actuator:** TA

** For ampere ratings and styles not listed, call Technical Services at 978-248-8914.*

RATINGS

- **Volts:** 700VAC, 650VDC
- **Amps:** 10 to 1000A (AC), 10 to 800A (DC)
- **I.R.:** 100kA I.R. AC; 100kA I.R. DC
- **L/R:** 10ms

HIGHLIGHTS

- Very fast acting
- Current limiting
- Low I^2t
- Indicator options available

APPLICATIONS

- Protection of 700V or less DC drives, UPS, inverters, reduced voltage starters, etc.

**Contact technical services for application data.*

APPROVALS/STANDARDS

- UL recognized component UL File E60314
- AC: guide no. JFHR2 (10-1000A)
- DC: tested to UL standard 198L parameters (10-800A)

SINGLE POLE FUSE BLOCKS FOR A70P FUSES

Fuse Ampere Rating	Catalog No.
10-30 (Type 1)	70316
31-60	P243C
61-100	P243C
101-200	P266A
201-400	P266A
401-600	P266F
601-800	1SC375



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CATALOG NUMBERS (AMPS)

Catalog No.	Dimen. Fig.	Catalog No.	Dimen. Fig.	Catalog No.	Dimen. Fig.	Catalog No.	Dimen. Fig.
A70P10-1	1	A70P60-4	3	A70P150-4TA	4	A70P400-4TI	3
A70P10-4	2	A70P60-4TA	4	A70P150-4TI	3	A70P450-4	3
A70P15-1	1	A70P60-4TI	3	A70P175-4	3	A70P500-4	3
A70P15-4	2	A70P70-4	3	A70P200-4	3	A70P600-4	3
A70P20-1	1	A70P70-4TI	3	A70P200-4TA	4	A70P600-4TA	4
A70P25-1	1	A70P80-4	3	A70P200-4TI	3	A70P600-4TI	3
A70P25-4	2	A70P80-4TA	4	A70P225-4	3	A70P700-4	5
A70P30-1	1	A70P80-4TI	3	A70P250-4	3	A70P700-4TI	5
A70P30-4	2	A70P90-4	3	A70P250-4TA	4	A70P800-4	5
A70P35-4	3	A70P100-4	3	A70P250-4TI	3	A70P800-4TI	5
A70P40-4	3	A70P100-4TA	4	A70P300-4	3	A70P900-4	6
A70P40-4TA	4	A70P125-4	3	A70P350-4	3	A70P1000-4	6
A70P40-4TI	3	A70P125-4TA	4	A70P400-4	3		
A70P50-4	3	A70P150-4	3	A70P400-4TA	4		

** For ampere ratings and styles not listed, call Technical Services at 978-248-8914.*

DIMENSIONS

** Optional Trigger Actuator*

Outline Ref.	Mounting Type	Fig.	Dimensions - Inches (mm)								
			A	B	C	D	E	F	G	H	J
A70P10 to 30	1	1	2.00 (50.8)	.56 (14.2)	-	-	-	-	-	-	-
A70P10 to 30	4	2	2.88 (73.2)	.56 (14.2)	1.88 (47.8)	2.50 (63.5)	-	.27 (6.9)	.41 (10.4)	-	-
A70P35 to 60	4, 4TA*, 4TI	3, 4*	4.38 (111)	1.00 (25.4)	2.88 (73.2)	3.69 (93.7)	3.50 (88.9)	.31 (7.9)	.75 (19.1)	.13 (3.2)	-
A70P70 to 100	4, 4TA*, 4TI	3, 4*	4.38 (111)	1.22 (31.0)	2.88 (73.2)	3.69 (93.7)	3.56 (90.4)	.31 (7.9)	1.00 (25.4)	.19 (4.8)	-
A70P125 to 200	4, 4TA*, 4TI	3, 4*	5.09 (129)	1.50 (38.1)	2.84 (72.1)	4.16 (106)	3.53 (89.7)	.41 (10.4)	1.00 (25.4)	.25 (6.4)	-
A70P225 to 400	4, 4TA*, 4TI	3, 4*	5.09 (129)	2.00 (50.8)	2.84 (72.1)	4.16 (106)	3.53 (89.7)	.41 (10.4)	1.50 (38.1)	.24 (6.4)	-
A70P450 to 600	4, 4TA*, 4TI	3, 4*	7.09 (180)	2.38 (60.5)	2.84 (72.1)	5.25 (133)	4.94 (125)	.53 (13.5)	2.00 (50.8)	.38 (9.7)	-
A70P700 to 800	4, 4TI	5	6.81 (173)	2.88 (73.2)	3.31 (84.1)	5.31 (135)	-	.63 (16.0)	2.00 (50.8)	.38 (9.7)	.31 (7.9)
A70P900 to 1000	4, 4TI	6	7.59 (193)	3.50 (88.9)	3.84 (97.5)	5.97 (152)	5.22 (133)	.63 (16.0)	2.75 (69.9)	.50 (12.7)	1.38 (35.1)

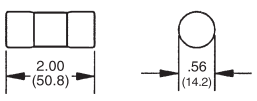

Figure 1

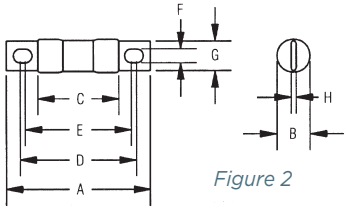

Figure 2

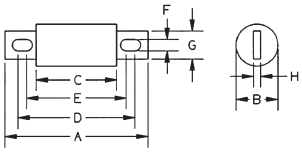

Figure 3

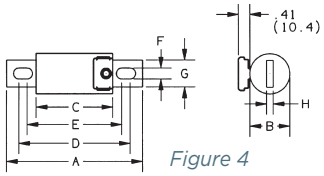

Figure 4

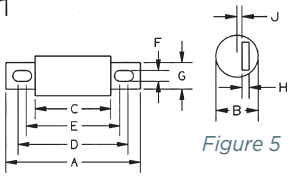

Figure 5

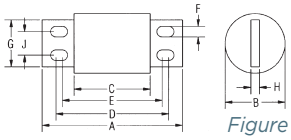

Figure 6

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