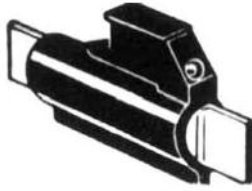


ACH Series of Fast-Acting Limiters



Description: Fast-acting aircraft limiter.

Test Specification: Designed to carry 200% rated current for 5 minutes, and open at 240% within 5 minutes.

Catalog Symbol: ACH-(amp)

Ratings*:

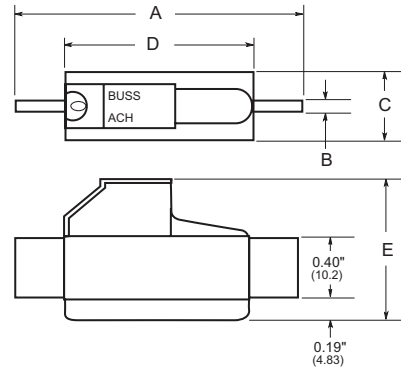
- Volts — 208Vac
- 125Vdc
- Amps — 1-60A
- IR — 6000A (120Vac)
- 4200A (208Vac)
- 6000A (125Vdc)

* At sea level to 6000 ft.

Catalog Numbers (amps)

ACH-2	ACH-15	ACH-35
ACH-3	ACH-20	ACH-40
ACH-5	ACH-25	ACH-50
ACH-10	ACH-30	ACH-60

Dimensions – in (mm)



Amp Rating	A	B	C	D	E
2-30	1.97 (50.0)	0.062 (1.57)	0.48 (12.3)	1.33 (33.8)	0.98 (24.9)
35-60	2.22 (56.39)	0.094 (2.38)	0.55 (13.97)	1.45 (36.83)	1.10 (27.9)

All tolerances ± 0.01 " (0.26), except:

- "A" which is ± 0.031 (0.78).
- "B" which is ± 0.005 (0.13).

Features:

- ACH Limiters are designed to meet the very rigorous requirements of high speed, high performance aircraft
- Isolate faults or grounds in aircraft electric systems of 120/208 volts 400 cycles AC or 125 volts DC
- ACH Limiters give visual indication by a spring-activated pin that extends from the limiter body when opened by an overcurrent.
- Blade terminals on ACH limiters are silver-plated
- Limiters are made with a silicone body that assures reliable performance under severe conditions

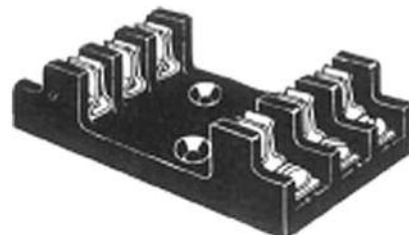
Recommended Fuse Blocks

Fuse Amps	1-Pole	2-Pole	3-Pole
2-30	SFB1030-01	SFB1030-02	SFB1030-03
35-60	SFB1060-01	SFB1060-02	SFB1060-03

Fuse Block Base Dimensions - in

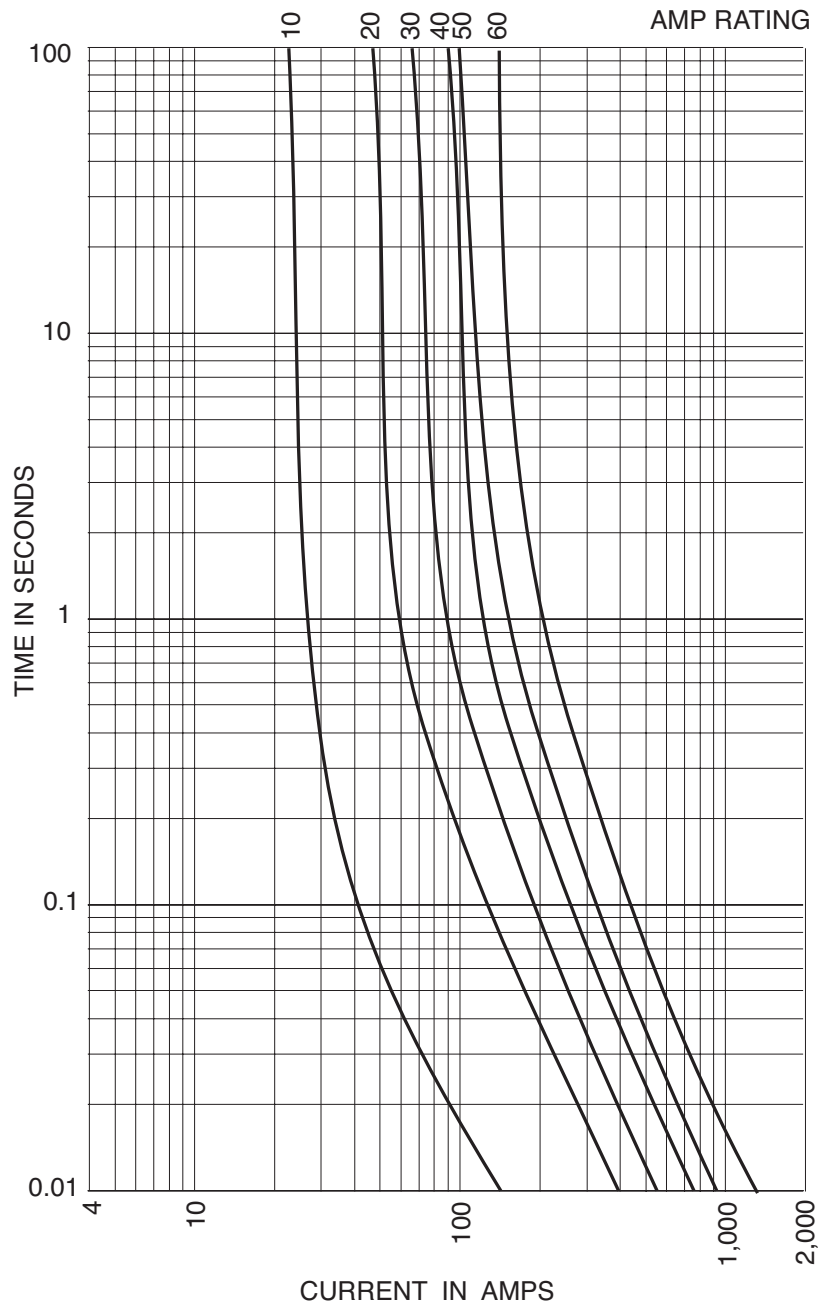
Fuse Amps	1-Pole	2-Pole	3-Pole
2-30	0.688 x 3.125	1.188 x 3.125	1.625 x 3.125
35-60	0.844 x 3.375	1.594 x 3.375	2.25 x 3.375

All fuse blocks have a molded melamine base, the metal parts are silver-plated, and the clips are beryllium copper.



ACH Series of Fast-Acting Limiters

Time-Current Curves - Average Melt



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