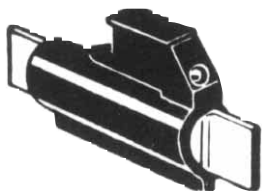


# Aircraft Limiter

## Fast-Acting

# ACH



Catalog Symbol: ACH  
Fast-Acting

Ampere Rating: 1 to 60 Amperes

Voltage Rating: 208 Volts AC  
125 Volts DC

Interrupting Rating:

6000A @ 120 VAC

4200A @ 208 VAC

6000A @ 125 VDC

At sea level to 6000 ft.

Test specification - carry 200% rated current for 5 minutes,  
open at 240% within 5 minutes.

For Military Use  
Qualified to MIL-F-5372C

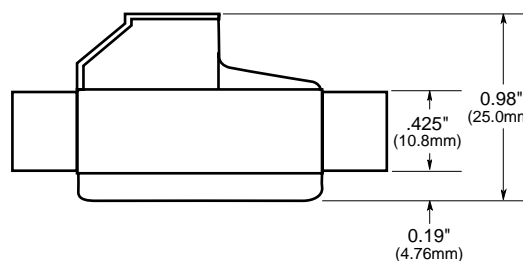
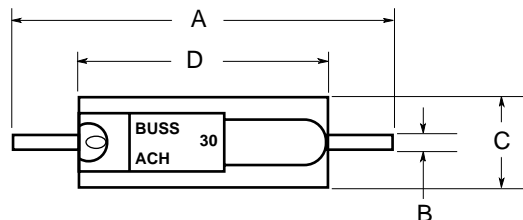
Military Type Designation	Buss Cat. Symbol
MS28938-02	ACH2
MS28938-03	ACH3
MS28937-05	ACH5
MS28937-10	ACH10
MS28938-15	ACH15
MS28937-20	ACH20

Military Type Designation	Buss Cat. Symbol
MS28938-25	ACH25
MS28937-30	ACH30
MS28938-35	ACH35
MS28937-40	ACH40
MS28937-50	ACH50
MS28937-60	ACH60

Symbol	Amperes	A	B	C	D
ACH	2, 3, 5, 10, 15, 20, 25 or 30	1.97" (50.0mm)	0.06" (1.59mm)	0.48" (12.3mm)	1.33" (33.8mm)
ACH	35, 40, 50 or 60	2.22" (56.39mm)	0.09" (2.27mm)	0.55" (13.97mm)	1.45" (36.83mm)

### Dimensional Data

All other tolerances  $(\pm 0.005)$  in  
 $(\pm 0.13)$  mm



### Buss Aircraft Fuses

#### Mechanical Indicating - Limiter type

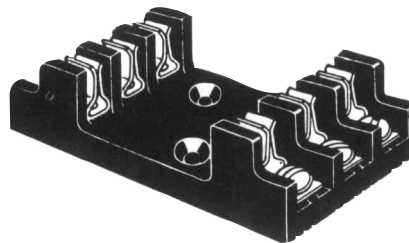
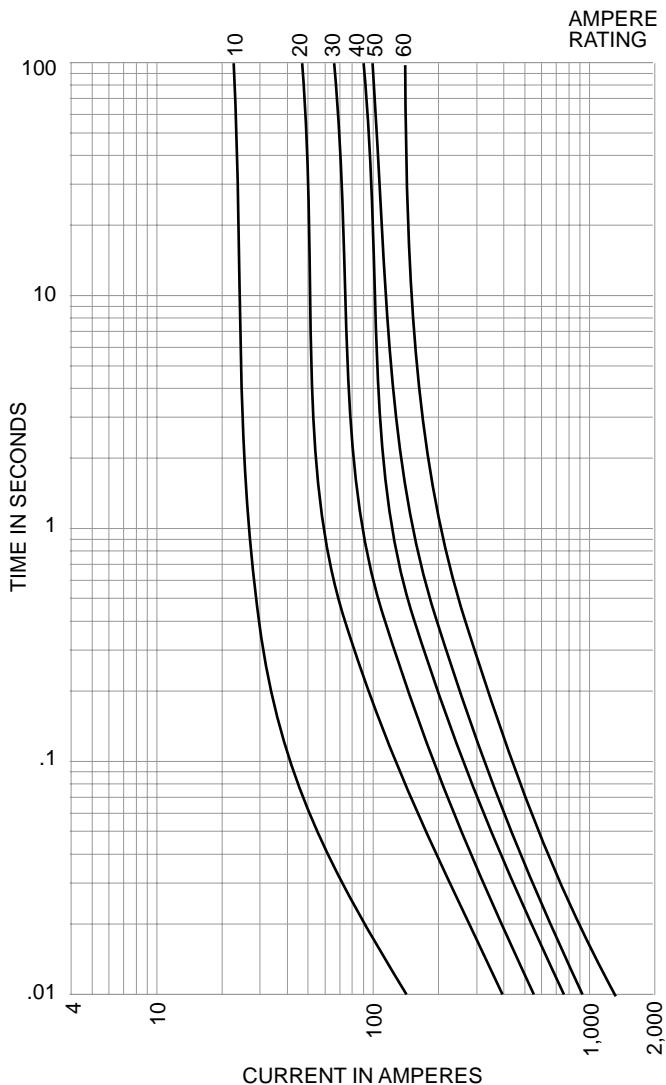
- ACH limiters are designed to meet the very rigorous requirements of high speed, high performance aircraft.
- Isolate faults or grounds in aircraft electric systems of 120/208 volts 400 cycles AC or 125 volts DC.
- ACH limiters give visual indication when open by a spring-activated pin that extends from the limiter body.
- The knife blade terminals on ACH limiters are silver-plated.
- Limiters are made with a silicone body that assures reliable performance under severe conditions.
- Designed to withstand exposure to moisture, fungus, salt spray, sand and dust, and mechanical vibration and shock.

# Aircraft Limiter

## Fast-Acting

**ACH**

Time-Current Characteristic Curves—Average Melt



**Fuseblocks**

- All metal parts silver-plated.
- Clips are beryllium copper.
- The blocks have molded melamine base and are qualified to MIL-F-5373C.

**1 to 30 Amp**

Catalog Number	Dimension of base, inches
3887 (1-pole)	0.688" x 3.125"
3888 (2-pole)	1.188" x 3.125"
3967 (3-pole)	1.625" x 3.125"

**35 to 60 Amp**

Catalog Number	Dimension of base, inches
3889 (1-pole)	0.844" x 3.375"
3890 (2-pole)	1.594" x 3.375"
3968 (3-pole)	2.25" x 3.375"

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