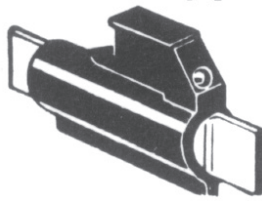


# Aircraft limiter - fast-acting



**Catalog symbols:** ACH-\_\_

### Description:

Bussmann® series fast-acting aircraft limiter.

### Specifications:

#### Ratings\*

- Volts
  - 280 Vac
  - 125 Vdc
- Amps - 1-60 A
- Interrupting rating
  - 6000 A (120 Vac)
  - 4200 A (208 Vac)
  - 6000 A (125 Vdc)

\* At sea level to 6000 ft.

#### Test specifications

- Carry 200% rated current for 5 minutes, open at 240% within 5 minutes

#### Catalog numbers (amps)

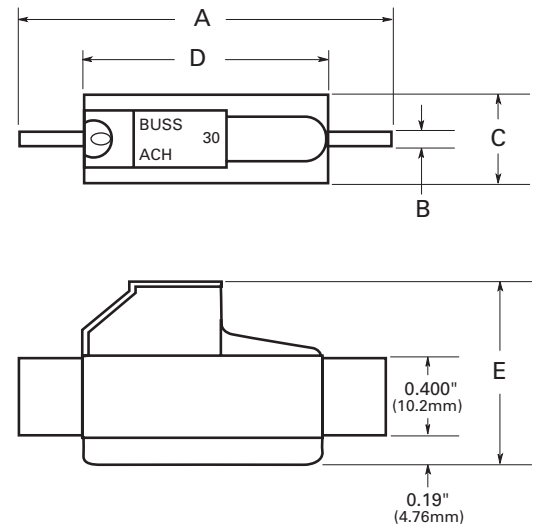
|        |        |        |
|--------|--------|--------|
| ACH-2  | ACH-15 | ACH-35 |
| ACH-3  | ACH-20 | ACH-40 |
| ACH-5  | ACH-25 | ACH-50 |
| ACH-10 | ACH-30 | ACH-60 |

### Features:

- Bussmann series 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 springactivated pin that extends from the limiter body

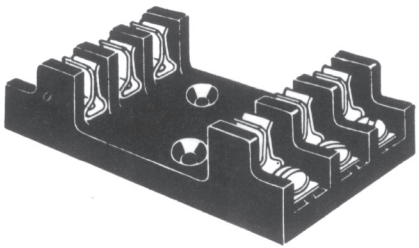
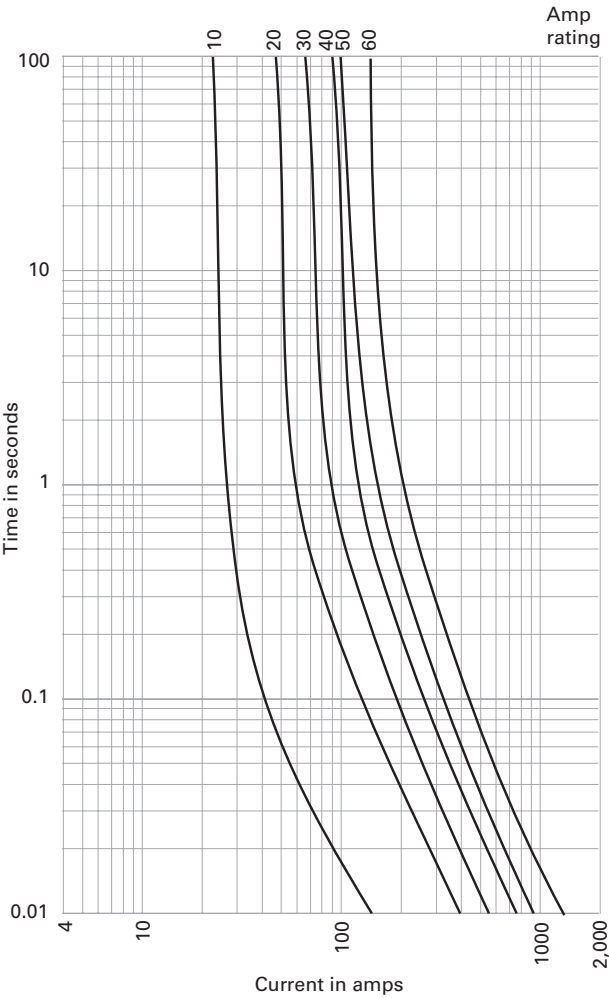
- The knife blade terminals on ACH limiters are silver-plated
- Limiters are made with a silicone body that assures reliable performance under severe conditions
- Designed to withstand exposure to moisture, fungus, salt spray, sand and dust, and mechanical vibration and shock

### Dimensions - in (mm):



| Amp rating | A               | B               | C               | D               | E              |
|------------|-----------------|-----------------|-----------------|-----------------|----------------|
| 2-30       | 1.97<br>(50.0)  | 0.062<br>(1.57) | 0.48<br>(12.2)  | 1.32<br>(33.6)  | 0.98<br>(24.9) |
| 35-60      | 2.22<br>(56.36) | 0.094<br>(2.38) | 0.55<br>(13.97) | 1.45<br>(36.83) | 1.10<br>(27.9) |

Time-current curves—average melt



Recommended fuse blocks

| Fuse amps | 1-Pole     | 2-Pole     | 3-Pole     |
|-----------|------------|------------|------------|
| 2-3       | 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        |
|-----------|---------------|---------------|---------------|
| 2-3       | 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 molded melamine base, the metal parts are silver-plated, and the clips are beryllium copper.

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