# Stud-mounted fuses




## Catalog symbol: ACK-_

## Description:

Bussmann® series stud-mounted fuse.

## Specifications:

### Ratings

- Volts - 130 Vdc (or less)
  - 130 Vdc - (10-100 A)
  - 72 Vdc - (120-200 A)
  - 48 Vdc - (225-300 A)
  - 80 Vdc - (400 A)
- Amps - 10-400 A
- Interrupting rating - 10 kA

### Agency information

- UL® Recognized 15-300A, Guide JFHR2, File E56412

## Features:

- These fuses avoid needless openings from starting currents or surges
- A fuse link which operates only on very high overloads or short-circuits
- Thermal cutout functions on low overloads – the thermal cutout cannot operate quickly at any load, hence long timelag is obtained on high overloads of short duration
- This long time-lag also makes it unnecessary to use extra large size or over-size fuses

| Catalog numbers (amps) | | | |
|---|---|---|---|
| ACK-10 | ACK-40 | ACK-100 | ACK-200 |
| ACK-15 | ACK-50 | ACK-120 | ACK-225 |
| ACK-20 | ACK-60 | ACK-140 | ACK-250 |
| ACK-25 | ACK-70 | ACK-150 | ACK-300 |
| ACK-30 | ACK-75 | ACK-160 | ACK-400 |
| ACK-35 | ACK-80 | ACK-175 | — |

### Test specifications

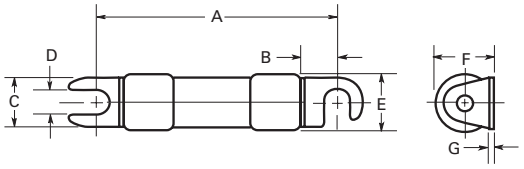
| Fuse | Load | Opening time |
|---|---|---|
| ACK | 200% | 100 Seconds* |
| | 300% | 35 Seconds* |
| | 500% | 13 Seconds* |

*Approximately.

## Recommended fuse blocks:

| Catalog number | Block number | Catalog number | Block number |
|---|---|---|---|
| ACK 10-30 | 4228 | ACK 120-200 | 3569 |
| ACK 35-60 | 3411 | ACK 225-400 | 3578 |
| ACK 70-100 | 2322 | | |

## Dimensions - in (mm):



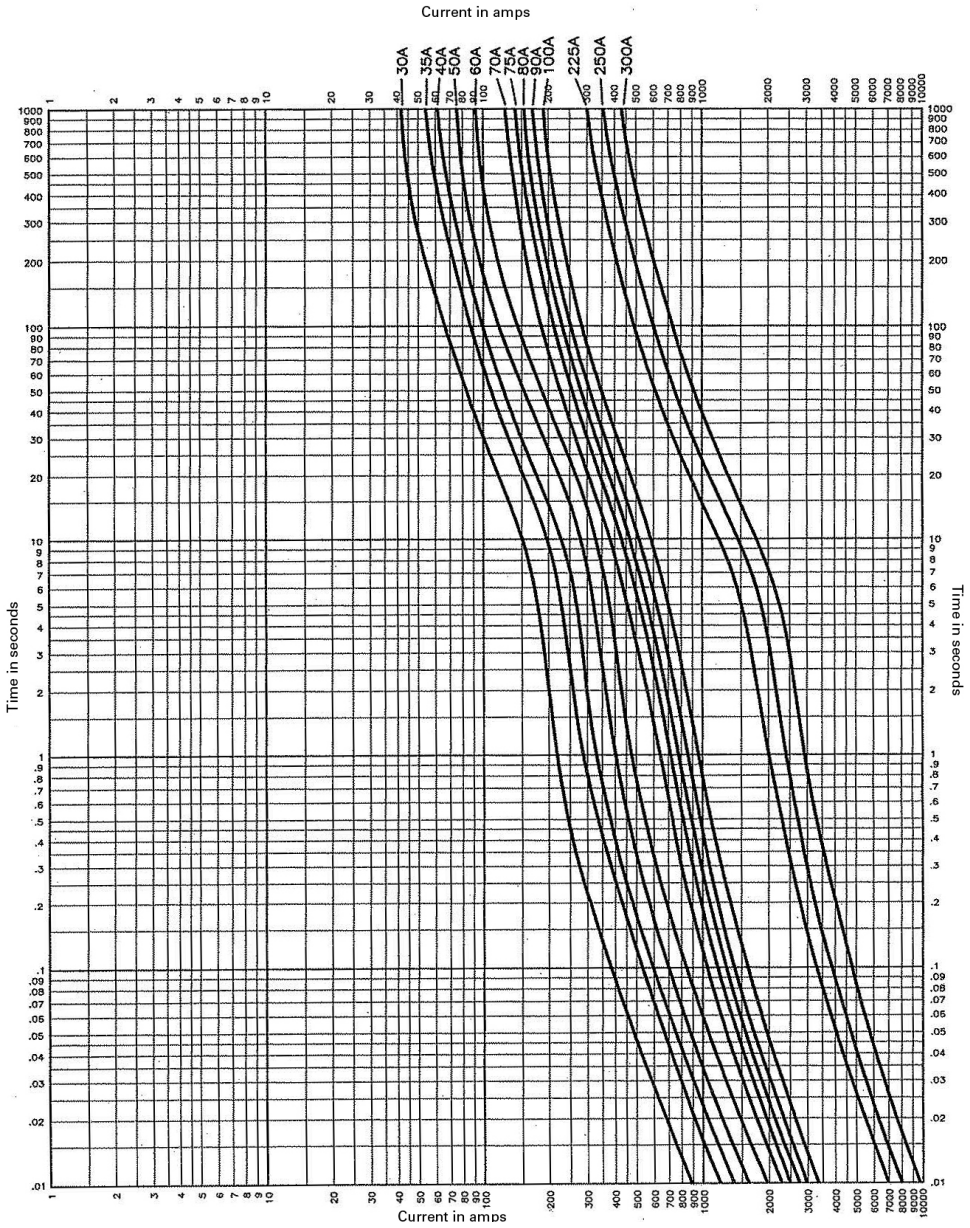

| Catalog number | Dimensions in inches and (mm) A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| ACK 10-30 | 2.5″ (63.5) | 0.375″ (9.53) | 0.500″ (12.70) | 0.250″ (6.35) | 0.557″ (14.15) | 0.588″ (14.94) | 0.031″ (0.79) |
| ACK 35-60 | 3.0″ (76.20) | 0.470″ (11.94) | 0.685″ (17.40) | 0.344″ (8.74) | 0.812″ (20.63) | 0.860″ (21.84) | 0.051″ (1.30) |
| ACK 70-100 | 3.5″ (88.90) | 0.547″ (13.89) | 0.750″ (19.05) | 0.312″ (7.92) | 1.062″ (26.98) | 1.15″ (29.21) | 0.050″ (1.27) |
| ACK 120-200 | 3.750″ (95.25) | 0.750″ (19.05) | 0.750″ (19.05) | 0.375″ (9.52) | 1.062″ (26.98) | 1.15″ (29.21) | 0.050″ (1.27) |
| ACK 225-400 | 3.750″ (95.25) | 0.610″ (15.49) | 0.750″ (19.05) | 0.312″ (7.92) | 1.062″ (1.062) | 1.125″ (28.58) | 0.050″ (1.27) |

Note: 10-60 amp fuses use brass terminals and ferrules.
70-400 amp fuses use copper terminals and ferrules.

| Catalog symbol | Dimensions in Inches and (mm) | | | | | | |
|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G |
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**Note:** 10-60 amp fuses use brass terminals and ferrules. 70-400 amp fuses use copper terminals and ferrules.

## Time-current curves – average melt



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Printed in USA
Publication No. 1040 – SB98107
June 2017

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