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

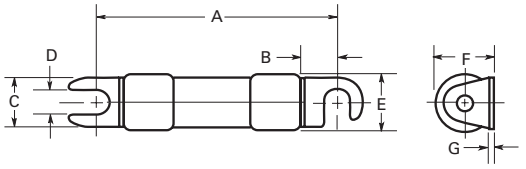
Fuse	Load	Opening time
ACK	200%	100 Seconds*
	300%	35 Seconds*
	500%	13 Seconds*

*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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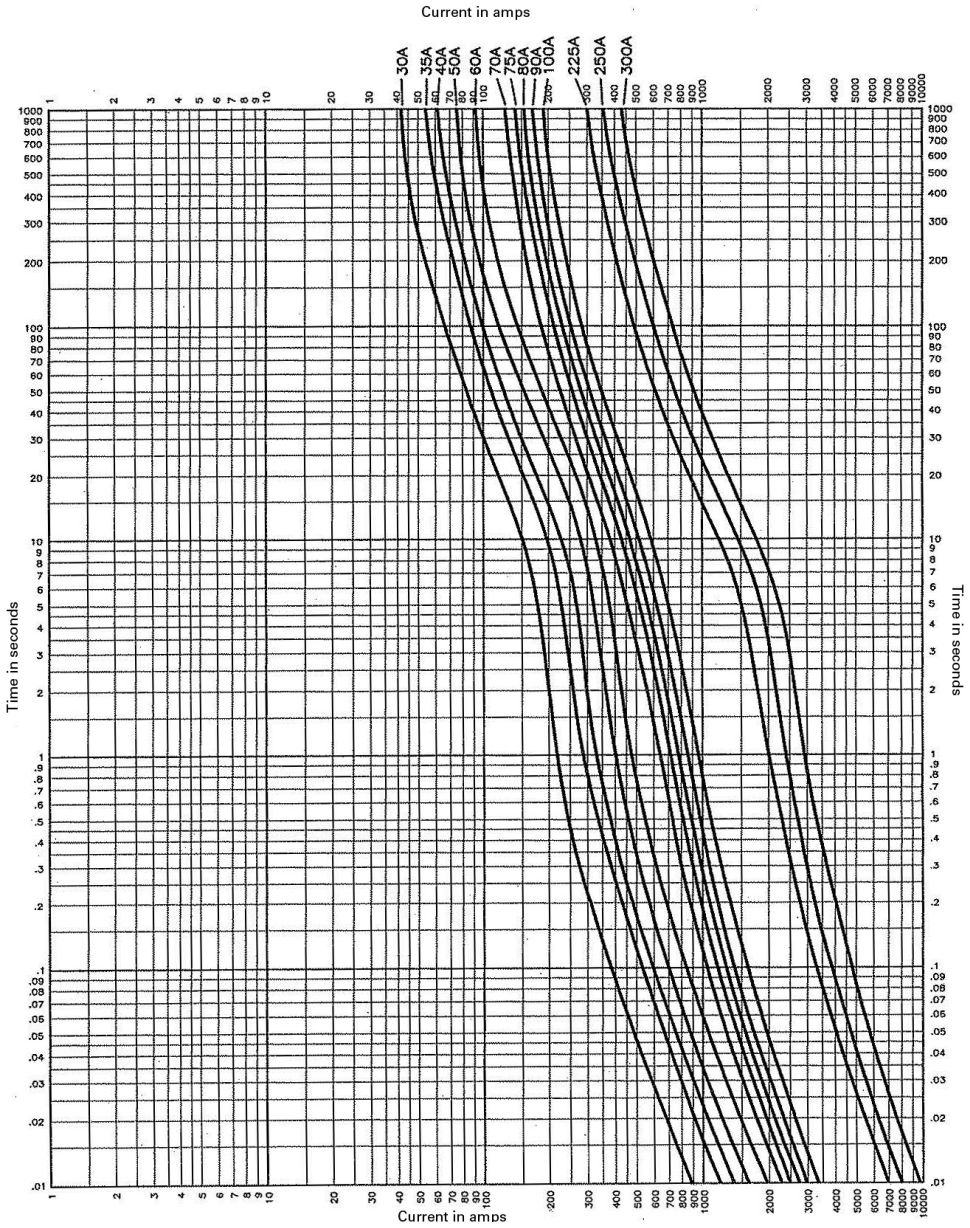
Time-current curves – average melt



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