# BUSSMANN SERIES

## 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 nu	ımbers (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**

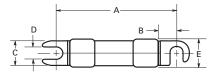
Fuse	Load	Opening time
	200%	100 Seconds*
ACK	300%	35 Seconds*
	500%	13 Seconds*

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

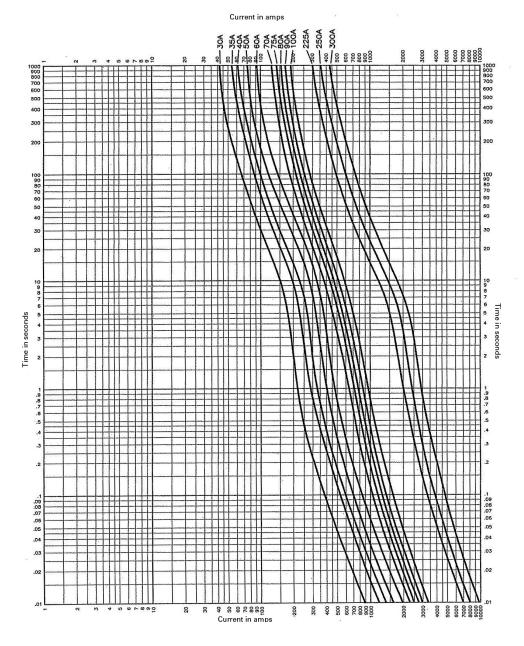
Note: 10-60 amp fuses use brass terminals and ferrules. 70-400 amp fuses use copper terminals and ferrules.



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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



Stud-mounted fuses Technical Data 1040

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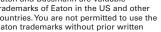
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