Stud-Mounted Fuses

ACK



Catalog Symbol: ACK

Ampere Rating: 10 to 400 Amperes **Voltage Rating:** 130 Volts DC or less

(10-100): 130 Vdc, (120-200): 72 Vdc,

(225-300): 48 Vdc

Agency Approvals:

U.L. Recognized (15-300A), Guide JFHR2, File E56412

Electrical Ratings (Catalog Symbol, Amperes and Voltage)

ACK-10	130V	ACK-40	130V	ACK-100	130V	ACK-200	72V
ACK-15	130V	ACK-50	130V	ACK-120	72V	ACK-225	80V
ACK-20	130V	ACK-60	130V	ACK-140	72V	ACK-250	80V
ACK-25	130V	ACK-70	130V	ACK-150	72V	ACK-300	80V
ACK-30	130V	ACK-75	130V	ACK-160	72V	ACK-400	80V
ACK-35	130V	ACK-80	130V	ACK-175	72V	_	_

Test Specifications

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

^{*}Approximately.

General Information:

- 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.

Fuseblocks

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			

C€ CE logo denotes compliance with European Union Low Voltage Directive (50-1000 Vac, 75-1500 Vdc). Refer to BIF document #8002 or contact Bussmann Application Engineering at 314-527-1270 for more information.

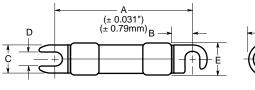
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SB98107 Rev. A

Dimensional Data

All other tolerances (± 0.005) mm (± 0.13) inches



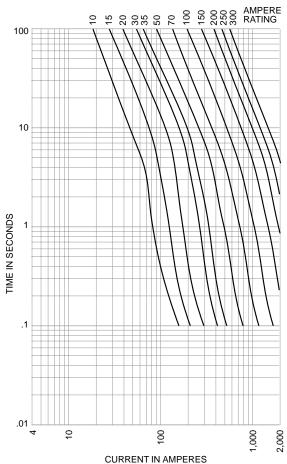


Catalog	Dimensions in Inches and (mm)							
Symbol	Α	В	С	D	E	F	G	
ACK 10-30	2.5"	.375"	.500"	.250"	.557"	.588"	.031"	
	(63.5)	(9.53)	(12.70)	(6.35)	14.15)	(14.94)	(0.79)	
ACK 35-60	3.0"	.470"	.685"	.344"	.812"	.860"	.051"	
	(76.20)	(11.94)	(17.40)	(8.74)	(20.63)	(21.84)	(1.30)	
ACK 70-100	3.5"	.547"	.750"	.312"	1.062"	1.125"	.050"	
	(88.90)	(13.89)	(19.05)	(7.92)	(26.98)	(28.58)	(1.27)	
ACK 120-200	3.750"	.750"	.750"	.375"	1.062"	1.15"	.050"	
	(95.25)	(19.05)	(19.05)	(9.52)	(26.98)	(29.21)	(1.27)	
ACK 225-400	3.750"	.610"	.750"	.312"	1.062"	1.125"	.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.

Time-Current Characteristics-Total Clear



Form No. ACK Page 1 of 1 BIF Doc #1040