

# 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
ACK	200%	100 Seconds*
	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 time-lag 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		

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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**Dimensional Data**

All other tolerances  $(\pm 0.005)$  mm  
 $(\pm 0.13)$  inches



Catalog Symbol	Dimensions in Inches and (mm)						
	A	B	C	D	E	F	G
ACK 10-30	2.5" (63.5)	.375" (9.53)	.500" (12.70)	.250" (6.35)	.557" (14.15)	.588" (14.94)	.031" (0.79)
ACK 35-60	3.0" (76.20)	.470" (11.94)	.685" (17.40)	.344" (8.74)	.812" (20.63)	.860" (21.84)	.051" (1.30)
ACK 70-100	3.5" (88.90)	.547" (13.89)	.750" (19.05)	.312" (7.92)	1.062" (26.98)	1.125" (28.58)	.050" (1.27)
ACK 120-200	3.750" (95.25)	.750" (19.05)	.750" (19.05)	.375" (9.52)	1.062" (26.98)	1.15" (29.21)	.050" (1.27)
ACK 225-400	3.750" (95.25)	.610" (15.49)	.750" (19.05)	.312" (7.92)	1.062" (26.98)	1.125" (28.58)	.050" (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**

