

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

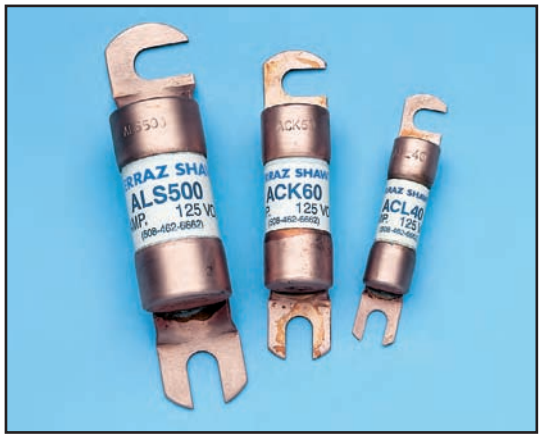
Expert team | Trust guarantee | 100% satisfaction

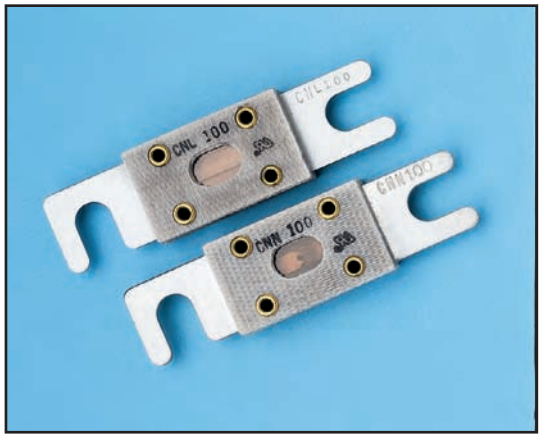
All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

FORKLIFT TRUCK FUSES

SPECIAL PURPOSE





FORKLIFT TRUCK FUSES

Ferraz Shawmut forklift truck and battery isolator fuses are specially designed for the heavy duty loads associated with DC battery powered equipment such as forklift trucks, hand trucks, motorized work platforms, and other DC battery operated systems. Rugged construction and stud mounted bolt-in design assure a long life in adverse conditions for these fuses.

This expanded line of Forklift Truck Fuses can fulfill virtually all of your heavy duty circuit protection needs up to 125V AC or DC. The round body ACK, ACL and ALS fuses combine higher voltage ratings and more ampere ratings with higher interrrupting ratings. The flat CNL and CNN style fuses have a lower voltage rating but are also AC and DC, more space saving and have visual "see-thru" indication to show when they have operated.

HIGHLIGHTS:

- AC/DC Ratings
- Embossed Catalog Nos.
- Stud Mounted
- Time Delay - ACK
- General Purpose - ACL,ALS

APPLICATIONS:

- Forklift Trucks
- Battery Hand Trucks
- Motorized Work Platforms
- Battery Systems

Features/Benefits

- **All fuses** are AC and DC rated
- **Expanded Ampere Ratings**
- **Time Delay and General Purpose** types
- **Link is visible** through window (CNL/CNN)

Ratings

- **ACK:** 1-400 Amperes
  125VAC, 10kA I.R.
  125VDC, 10kA I.R.
- **ACL**: 30-120 Amperes
  125VAC, 10kA I.R.
  125VDC, 10kA I.R.
- **ALS:** 100-500 Amperes
  125VAC, 10kA I.R.
  125VDC, 10kA I.R.
- **CNL:** 35-500 Amperes
  80V AC/DC, 2500A I.R.
- **CNN:** 10-800 Amperes
  130VAC, 80VDC, 2500A I.R.

Approvals

- UL Recognized Components (All Products) File #E60314

Forklift Truck Fuse Fuse Blocks

FUSE	FUSE BLOCK
ACK(70-100)	P243C
ACL(70-120)	P243E
CNL	FTFH
CNN	FTFH

Gross Automation (877) 268-3700 · www.ferrazshawmutsales.com · sales@grossautomation.com

FORKLIFT TRUCK FUSES

SPECIAL PURPOSE

ACK Fuse

AMPERE RATING	CATALOG NUMBER	AMPERE RATING	CATALOG NUMBER	AMPERE RATING	CATALOG NUMBER	AMPERE RATING	CATALOG NUMBER
1A	ACK1	20A	ACK20	70A	ACK70	160A	ACK160
2A	ACK2	25A	ACK25	80A	ACK80	175A	ACK175
3A	ACK3	30A	ACK30	90A	ACK90	200A	ACK200
5A	ACK5	35A	ACK35	100A	ACK100	225A	ACK225
6A	ACK6	40A	ACK40	120A	ACK120	250A	ACK250
10A	ACK10	50A	ACK50	140A	ACK140	300A	ACK300
15A	ACK15	60A	ACK60	150A	ACK150	400A	ACK400

ACL Fuse

AMPERE RATING	CATALOG NUMBER	AMPERE RATING	CATALOG NUMBER
30A	ACL30	70A	ACL70
35A	ACL35	80A	ACL80
40A	ACL40	90A	ACL90
50A	ACL50	100A	ACL100
60A	ACL60	120A	ACL120

ALS Fuse

AMPERE RATING	CATALOG NUMBER	AMPERE RATING	CATALOG NUMBER
100A	ALS100	300A	ALS300
150A	ALS150	350A	ALS350
175A	ALS175	400A	ALS400
200A	ALS200	450A	ALS450
225A	ALS225	500A	ALS500
250A	ALS250	–	–

CNL/CNN:

AMPERE RATING	CATALOG NUMBER		AMPERE RATING	CATALOG NUMBER		AMPERE RATING	CATALOG NUMBER	
10A	–	CNN10	130A	CNL130	–	350A	CNL350	CNN350
35A	CNL35	CNN35	150A	CNL150	CNN150	400A	CNL400	CNN400
40A	CNL40	CNN40	175A	CNL175	CNN175	500A	CNL500	CNN500
50A	CNL50	CNN50	200A	CNL200	CNN200	600A	CNL600	CNN600
60A	CNL60	CNN60	225A	CNL225	CNN225	675A	CNL675	–
80A	CNL80	CNN80	250A	CNL250	CNN250	700A	–	CNN700
90A	–	CNN90	275A	CNL275	CNN275	750A	CNL750	–
100A	CNL100	CNN100	300A	CNL300	CNN300	800A	–	CNN800
125A	CNL125	CNN125	325A	CNL325	CNN325	–	–	–

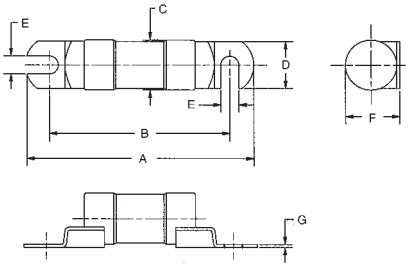


Figure 1

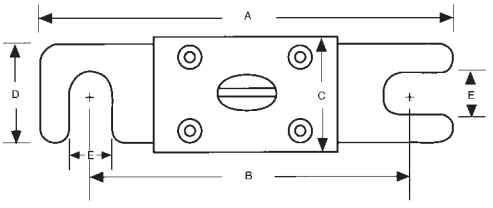


Figure 2

Dimensions

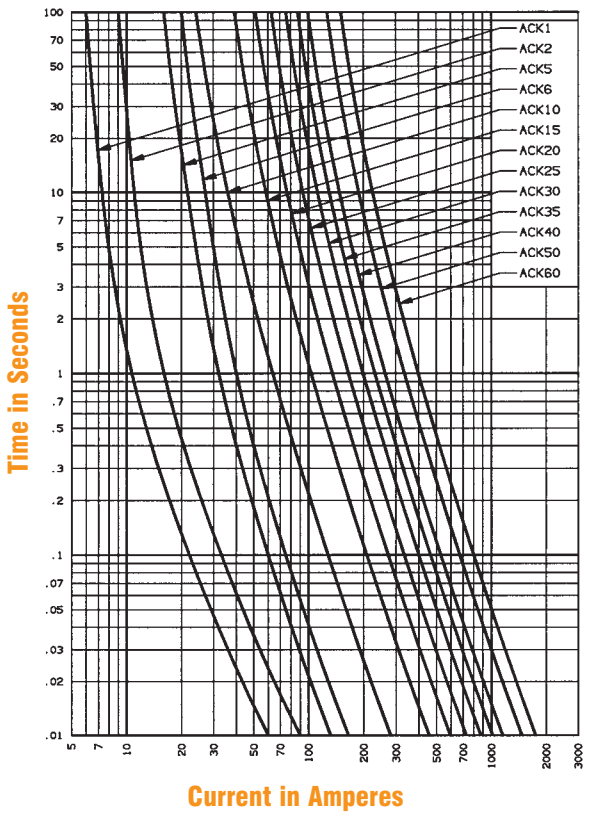
CATALOG NUMBER	OUTLINE FIGURE	A	B	C	D	E	F	G
		In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)	In. (mm)
ACK 1-30	1	3.07 (77.9)	2.5 (63.5)	.56 (14.3)	.5 (12.7)	.28 (7.1)	.593 (15)	.03 (.8)
ACK 35-60	1	3.74 (95)	3 (76.2)	.81 (20.6)	.75 (19.1)	.34 (8.7)	.86 (21.8)	.047 (1.2)
ACK 70-100	1	4.46 (113.4)	3.5 (88.9)	1.06 (26.9)	1 (25.4)	.38 (9.5)	1.12 (28.5)	.06 (1.6)
ACK 120-200	1	4.72 (119.8)	3.75 (95.4)	1.06 (26.9)	1 (25.4)	.38 (9.5)	1.12 (28.5)	.06 (1.6)
ACK 225-400	1	4.71 (119.7)	3.75 (95.4)	1.06 (26.9)	1 (25.4)	.38 (9.5)	1.12 (28.5)	.06 (1.6)
ACL 30-60	1	3.07 (77.9)	2.5 (63.5)	.56 (14.3)	.5 (12.7)	.28 (7.1)	.593 (15)	.03 (.8)
ACL 70-120	1	3.49 (88.6)	2.75 (69.9)	.81 (20.6)	.75 (19.1)	.34 (8.7)	.86 (21.8)	.047 (1.2)
ALS 100-500	1	4.71 (119.7)	3.75 (95.4)	1.06 (26.9)	1 (25.4)	.38 (9.5)	1.12 (28.5)	.06 (1.6)
CNL/CNN	2	3.188 (80.9)	2.44 (61.9)	.89 (22.6)	.75 (19.0)	.34 (8.7)	—	—

Gross Automation (877) 268-3700 · www.ferrazshawmutsales.com · sales@grossautomation.com

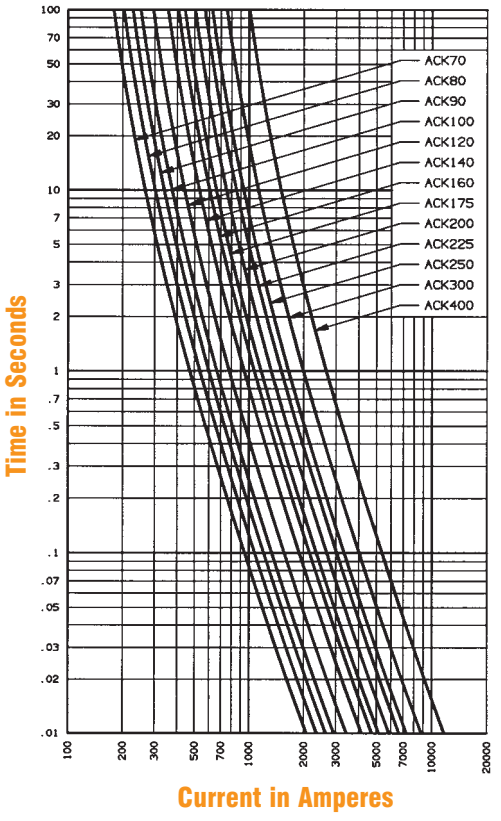
FORKLIFT TRUCK FUSES

SPECIAL PURPOSE

Melting Time – Current Data – ACK1–60

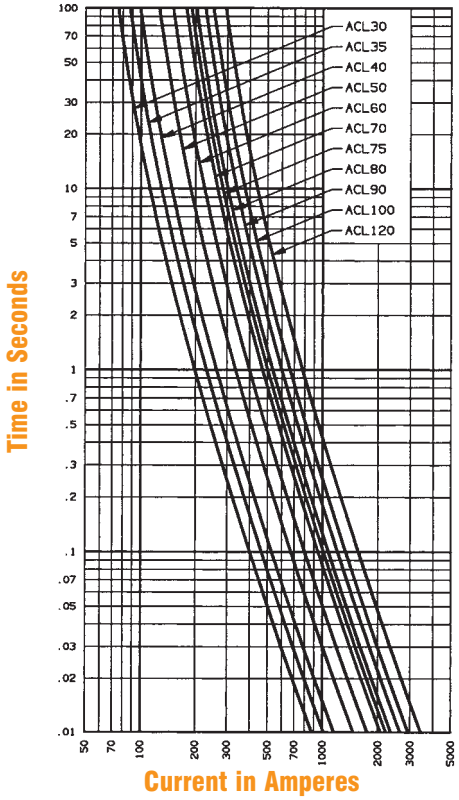


Melting Time – Current Data – ACK70–400

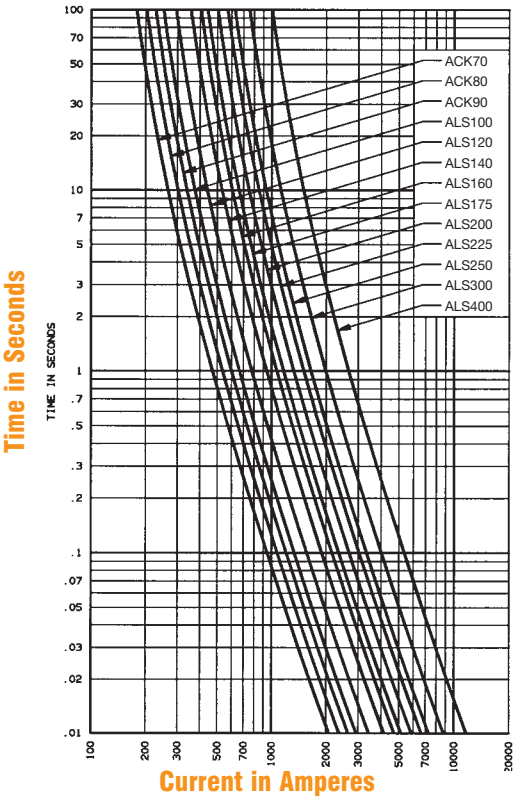


G

Melting Time – Current Data – ACL30–120



Melting Time – Current Data – ALS100–500

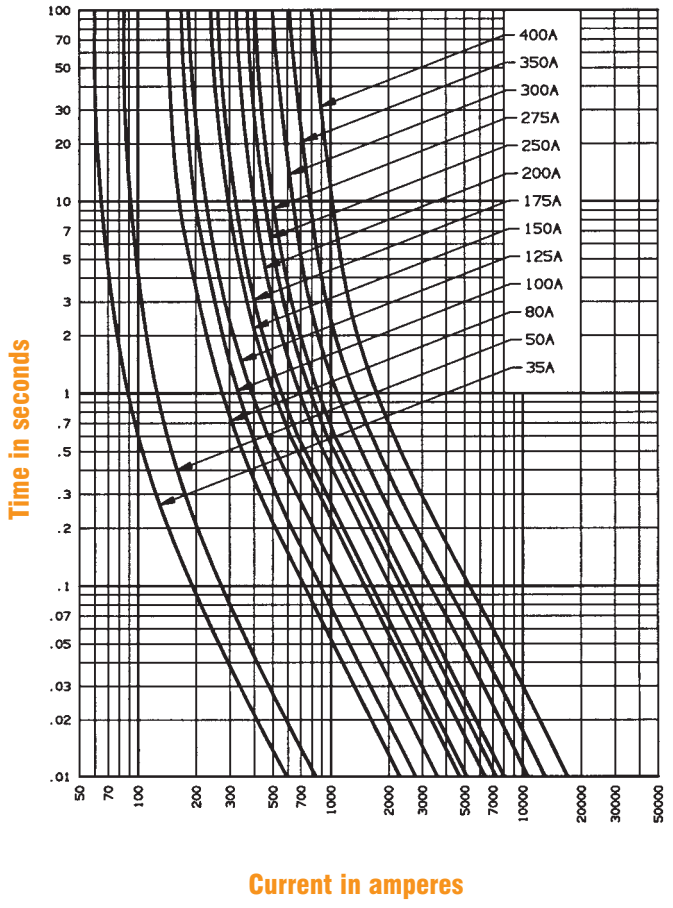


Gross Automation (877) 268-3700 · www.ferrazshawmutsales.com · sales@grossautomation.com

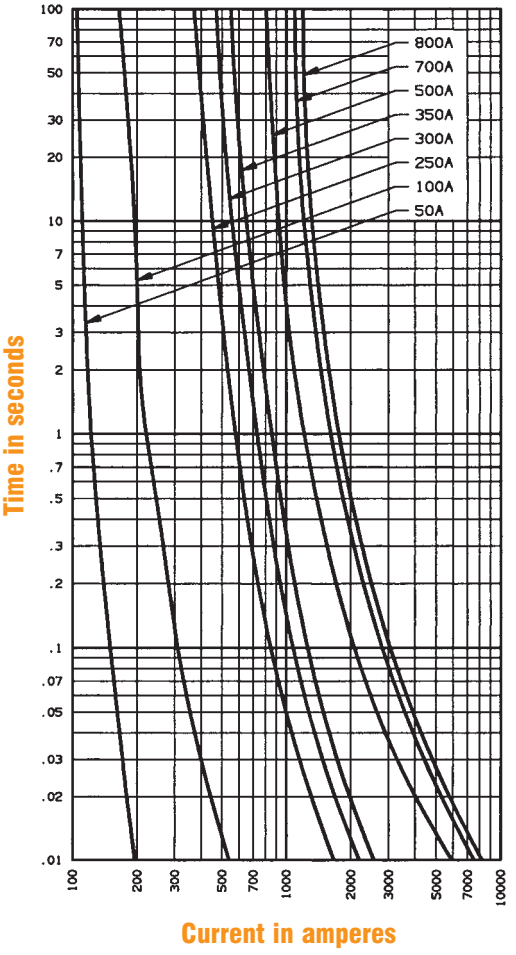
FORKLIFT TRUCK FUSES

SPECIAL PURPOSE

Melting Time – Current Data – CNL35–400



Melting Time – Current Data – CNN50–800



Gross Automation (877) 268-3700 · www.ferrazshawmutsales.com · sales@grossautomation.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP