

Forklift Truck Fuses

Mersen 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 interrupting 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.

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)

Highlights:

- AC/DC ratings
- Embossed catalog No's.
- Stud mounted
- Time-delay - ACK
- General purpose - ACL,ALS

Applications:

- Forklift trucks
- Battery hand trucks
- Motorized work platforms
- Battery systems

Recommended Fuse Blocks for Forklift Truck Fuse Fuses

Fuse	Fuse Block
ACK(70-100)	P243C
ACL(70-120)	P243E
CNL	FTFH, FTFH-1
CNN	FTFH, FTFH-1



Ratings:

ACK:

Volts : 125VAC / DC
Amps : 1 to 400A
IR : 10kA I.R. AC / DC

ACL

Volts : 125VAC / DC
Amps : 30 to 120A
IR : 100kA I.R. AC
 : 10kA I.R. DC

ALS

Volts : 125VAC / DC
Amps : 100 to 500A
IR : 10kA I.R. AC / DC

CNL

Volts : 80V AC / DC
Amps : 35 to 500A
IR : 2.5kA I.R. AC / DC

CNN

Volts : 130V AC
Amps : 10-800A
Volts : 75V DC
Amps : 10 to 300A
Volts : 48V DC
Amps : 301-800A
IR : 2.5kA I.R. AC / DC

Approvals:

- UL recognized components (All Products) File E60314



660V DC Ferrule Fuses

Size: 27x60

Features/Benefits:

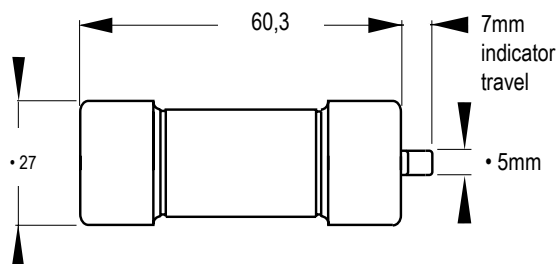
- Full range D.C. operation
- 27x60mm ceramic cylindrical body
- Blown-fuse indicator striker

Catalog Numbers, Ratings

Size (Mm)	Current Rating I_N (A)	Interrupting Rating	Watts Loss		Catalog No.	Ref. No.
			0.8 I_N	I_N		
27 x 60	0.8	@ 660V DC 50kA L/R = 15ms	0.25	0.4	CC 6,621 CP gRB 27x60/0.8	H098585
	1		0.25	0.4	CC 6,621 CP gRB 27x60/1	J098586
	1.5		0.35	0.6	CC 6,621 CP gRB 27x60/1.5	K098587
	2		0.4	0.7	CC 6,621 CP gRB 27x60/2	P098591
	3.15		0.6	1	CC 6,621 CP gRB 27x60/3.15	Q098592
	4		0.6	1	CC 6,621 CP gRB 27x60/4	R098593
	5		0.7	1.1	CC 6,621 CP gRB 27x60/5	T098595
	6.3		0.8	1.3	CC 6,621 CP gRB 27x60/6.3	Z098600
	8		1.2	2	CC 6,621 CP gRB 27x60/8	L076301
	10		1.3	2.3	CC 6,621 CP gRB 27x60/10	M076302
	12		1.4	2.4	CC 6,621 CP gRB 27x60/12	L075703
	16		1.9	3.3	CC 6,621 CP gRB 27x60/16	N076303
	20		2.4	4.1	CC 6,621 CP gRB 27x60/20	C077006
	25		2.8	4.7	CC 6,621 CP gRB 27x60/25	M075635
	32		3.5	6	CC 6,621 CP gRB 27x60/32	P076304
	40		4.7	8	CC 6,621 CP gRB 27x60/40	Q076305
	50		4.8	8.3	CC 6,621 CP gRB 27x60/50	R076306
	63		5.6	9.6	CC 6,621 CP gRB 27x60/63	P079961
	80		6.4	11.2	CC 6,621 CP gRB 27x60/80	S079964
	100		7.4	12.9	CC 6,621 CP gRB 27x60/100	T099400
110	7.7	13.7	CC 6,621 CP gRB 27x60/110	S076307		

Blown fuse indicator minimum trip voltage: 20V

Dimensions



Indicator Trip Force: 4.5N (1lb) at 0mm-2.5N (1/2lb) at 7mm (1/4")



Ratings:

Volts : 660VDC
Amps : 0.8 to 110A
IR : 50kA I.R.
L/R : 15mSec