

FORK-LIFT STUD-MOUNTED FUSES

32/48/80 Vdc • Fast-Acting and Very Fast-Acting • 35-800 A



CNN_E, CNN & CNL Limiter Fuses

Description

CNN_E fuses are rated for applications up to 80 Vdc. As fork lift trucks and electrical vehicle system voltages increase, circuit protection needs to be rated higher than the standard CNN products to handle the increased voltage. The CNN_E is considered very fast-acting for quicker reaction time.

Specifications

Voltage Ratings	CNN_E: 80 Vdc / 125 Vac CNN: 48 Vdc / 125 Vac CNL: 32 Vdc / 32 Vac
Ampere Ratings	10 – 800 A*
Max. Interrupting Rating	2,500 A
Approval	UL Recognized (File: E71611)
Environmental	RoHS Compliant, Lead (Pb) Free
Country of Origin	Mexico (CNN_E only)

*See ordering information table for available amperages by series

Ordering Information

AMPERE RATINGS CNN_E & CNN					
10 [†]	60	125	225	325	600
35	80	150	250	350	700
40	90	175	275	400	800
50	100	200	300	500	—

[†]CNN Series only

AMPERE RATINGS CNL (32 Vdc)				
35	80	150	250	350
40	100	175	275	400
50	125	200	300	500
60	130	225	325	—

SERIES	TYPE	VOLT DC	AMP	CATALOG NUMBER	ORDERING NUMBER
CNN_E	VERY-FAST-ACTING	80	200	CNN200E	0CNN200E.V
CNN	VERY FAST-ACTING	48	125	CNN125	0CNN125.V
CNL	FAST-ACTING	32	50	CNL050	0CNL050.V

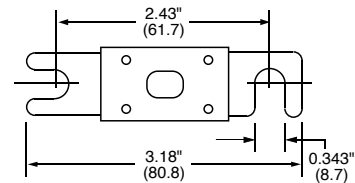
Recommended Fuse Holders

LFFB0003Z 118

Web Resources

littelfuse.com/ForkLift

Dimensions



5

Special Purpose Fuses



HAZGARD™ Forklift Fuses

Description

HAZGARD fuses are designed to provide overcurrent protection for low voltage equipment used in hazardous operations. It is UL 248 recognized and has been evaluated for the use in UL 583 type EE and ES applications. Unique design does not require an additional enclosure as is needed with a standard forklift fuse, saving assembly time and costs.

Ordering Information

SERIES	AMPERAGE	CATALOG NUMBER	ORDERING NUMBER
581	200	581200	0581200.X

Applications

Lift trucks, scissor lifts, pallet movers, and other low voltage battery operated equipment used to move hazardous materials.

Features/Benefits

- Evaluated for use in UL 583 hazardous applications
- Easily upgrade Type E and ES equipment to Type EE
- Does not require an external enclosure

Specifications

Voltage Ratings	48 Vac/dc
Interrupting Rating	2,500 A
Ampere Rating	35 – 800 A
Approval	UL Recognized (File: E71611)
Torque	90 in-lb
Fuse Holder	LFFB003
Environmental	RoHS Compliant
Country of Origin	Mexico

AMPERE RATINGS			
35	100	250	500
50	125	300	750*
60	150	400	800*
90	200	425	—

*Contact factory for availability