

Bolt-Down Fuses

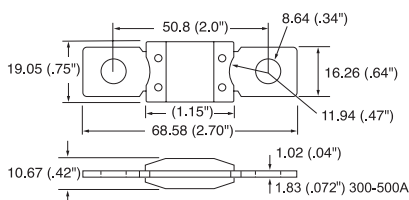
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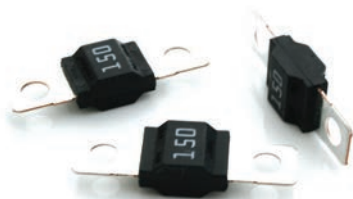
MEGA® • 80-500A • Bolt-Down Fuses

Littelfuse patented fuse designed for high current protection up to 500A found on many OEM vehicles. Slo-Blo® feature eliminates nuisance blowing during temporary, short duration overloads. Commonly used for battery and alternator connections and other heavy gauge cables requiring ultra high current protection. Also available with a clear housing, M6 mounting hole, single mounting hole or silver plating. For details, contact Littelfuse or visit: littelfuse.com/MEGA
Voltage Rating Characteristics: 32V AC/DC, Slo-Blo®

Dimensions MEGA®



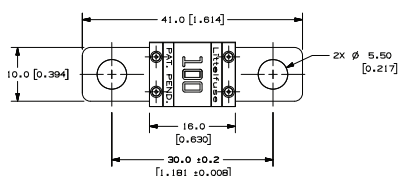
CURRENT RATING (A)	BOXED 50-PC	BOXED 1-PC	CARDED
	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER
80	—	OMEG080.X	OMEG080.XPA
100	OMEG100.L	OMEG100.X	OMEG100.XP
125	OMEG125.L	OMEG125.X	OMEG125.XP
150	OMEG150.L	OMEG150.X	OMEG150.XP
175	OMEG175.L	OMEG175.X	OMEG175.XP
200	OMEG200.L	OMEG200.X	OMEG200.XP
225	OMEG225.L	OMEG225.X	OMEG225.XP
250	OMEG250.L	OMEG250.X	OMEG250.XP
300	OMEG300.L	OMEG300.X	—
350	OMEG350.L	OMEG350.X	—
400	OMEG400.L	OMEG400.X	—
450	OMEG450.L	OMEG450.X	—
500	OMEG500.L	OMEG500.X	—



MIDI® • 30-200A • Bolt-Down Fuses

Littelfuse patented fuse found on many OEM vehicles. Slo-Blo® feature eliminates nuisance blowing during temporary, short duration overloads. Also available with a clear housing, M6 mounting hole, single mounting hole or silver plating. For details, contact Littelfuse or visit: littelfuse.com/MIDI
Voltage Rating Characteristics: 32V AC/DC, Slo-Blo®

Dimensions MIDI®

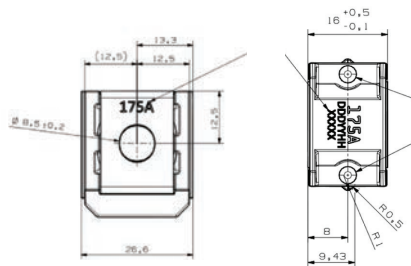


CURRENT RATING (A)	BULK 10-PC	BOXED	CARDED
	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER
30	0498030.TXN	—	—
40	0498040.TXN	—	—
50	0498050.TXN	0MID050.X	0MID050.XP
60	0498060.TXN	—	—
70	0498070.TXN	—	—
80	0498080.TXN	0MID080.X	0MID080.XP
100	0498100.TXN	—	—
125	0498125.TXN	—	—
150	0498150.TXN	—	0MID150.XP
200	0498200.TXN	—	—

ZCASE® • 40-600A • Bolt-Down Fuses

Designed for a one bolt connection M6 (125-250A) or M8 (300-600A) and can be used directly on a battery post or busbar connection. Additional information: littelfuse.com/ZCASE
Voltage Rating Characteristics: 32V AC/DC, Slo-Blo®

Dimensions ZCASE®



CURRENT RATING (A)	BULK 480-PC	BULK 100-PC	CARDED
	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER
40	3298040.Z	3298040.H	—
60	3298060.Z	3298060.H	—
80	3298080.Z	3298080.H	ZCAS080.XP
100	3298100.Z	3298100.H	ZCAS100.XP
125	3298125.Z	3298125.H	ZCAS125.XP
150	3298150.Z	3298150.H	ZCAS150.XP
175	3298175.Z	3298175.H	ZCAS175.XP
200	3298200.Z	3298200.H	ZCAS200.XP
225	3298225.Z	3298225.H	ZCAS225.XP
250	3298250.Z	3298250.H	ZCAS250.XP
300	3298300.ZXSTA	3298300.H	ZCAS300.XP
350	3298350.ZXSTA	3298350.H	ZCAS350.XP
400	3298400.ZXSTA	3298400.H	ZCAS400.XP
500	3298500.ZXSTA	3298500.H	ZCAS500.XP
600	3298600.ZXSTA	3298600.H	—

Auto Link Fuses



PAL Auto Link Fuses

Commonly found on many Japanese and Domestic built vehicles in current ratings up to 140 amperes. Available with female connector, male connector, bent connector and locking female connector. Color coded to indicate amp rating.

Additional information: littelfuse.com/PAL

PAL Female Terminal



COLOR CODE	CURRENT RATING (A)	BOXED	CARDED
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Blue	20	OPAL020.X	OPAL020.XP
Pink	30	OPAL030.X	OPAL030.XP
Green	40	OPAL040.X	OPAL040.XP
Red	50	OPAL050.X	OPAL050.XP
Yellow	60	OPAL060.X	OPAL060.XP



PAL MINI® Female Terminal

COLOR CODE	CURRENT RATING (A)	BOXED	CARDED
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Pink	30A	OPAL330.X	OPAL330.XP
Green	40A	OPAL340.X	OPAL340.XP

PAL Straight Male Terminal



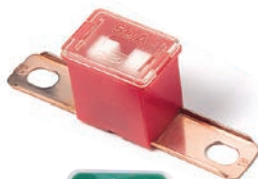
COLOR CODE	CURRENT RATING (A)	BOXED	CARDED
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Pink	30	OPAL130.X	OPAL130.XP
Yellow	60	OPAL160.X	OPAL160.XP
Black	80	OPAL180.X	OPAL180.XP
Blue	100	OPAL1100X	OPAL1100XP
Gray	120	OPAL1120X	OPAL1120XP



PAL 9/16" Bent Male Terminal

COLOR CODE	CURRENT RATING (A)	BOXED	CARDED
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Pink	30	OPAL430.X	OPAL430.XP
Green	40	OPAL440.X	OPAL440.XP
Red	50	OPAL450.X	OPAL450.XP
Black	80	OPAL480.X	OPAL480.XP
Blue	100	OPAL4100X	OPAL4100XP
White	120	–	OPAL4120XP
Purple	140	–	OPAL4140XP

PAL 13/16" Bent Male Terminal



COLOR CODE	CURRENT RATING (A)	BOXED	CARDED
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Pink	30	OPAL230.X	OPAL230.XP
Green	40	OPAL240.X	OPAL240.XP
Red	50	OPAL250.X	OPAL250.XP
Yellow	60	OPAL260.X	OPAL260.XP
Brown	70	OPAL270.X	OPAL270.XP
Black	80	OPAL280.X	OPAL280.XP
Blue	100	OPAL2100X	OPAL2100XP
Gray	120	OPAL2120X	OPAL2120XP
Purple	140	–	OPAL2140XP

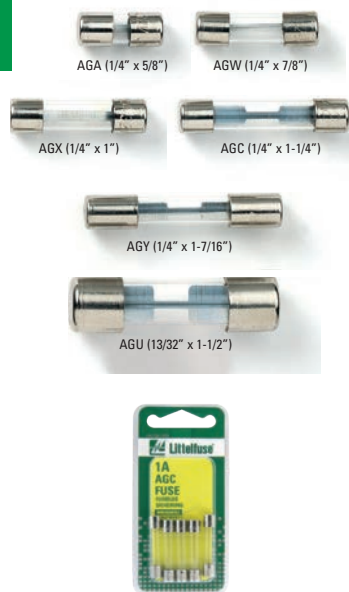


PAL Locking Female Terminal

COLOR CODE	CURRENT RATING (A)	BOXED	CARDED
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Brown	25	OPAL525.X	OPAL525.XP
Green	30	OPAL530.X	OPAL530.XP

Glass Fuses

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AG • Glass Fuses

Originally stood for “all glass.” The automotive industry uses the “AG” prefix (AGC, AGW) for most glass fuses. They vary in length, diameter and amperage rating.

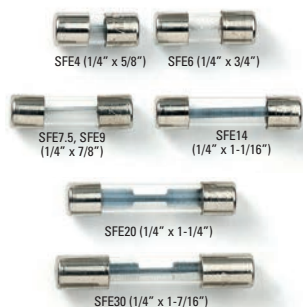
Additional information: littelfuse.com/Glass

Voltage Rating: 32V AC/DC, 250V may be substituted

CURRENT RATING (A)	BOXED	CARDED
	MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
AGA (1AG)		
1	0AGA001.V	0AGA001.VP
2	0AGA002.V	0AGA002.VP
3	0AGA003.V	0AGA003.VP
5	0AGA005.V	0AGA005.VP
6	0AGA006.V	–
7.5	0AGA007.5V	–
10	0AGA010.V	0AGA010.VP
15	0AGA015.V	0AGA015.VP
20	0AGA020.V	0AGA020.VP
25	0AGA025.V	–
30	0AGA030.V	0AGA030.VP
AGW (7AG)		
1	0AGW001.V	–
1.5	0AGW01.5V	–
2.5	0AGW02.5V	–
3	0AGW003.V	–
4	0AGW004.V	–
5	0AGW005.V	0AGW005.VP
6	0AGW006.V	–
15	0AGW015.V	0AGW015.VP
20	0AGW020.V	0AGW020.VP
30	0AGW030.V	0AGW030.VP

CURRENT RATING (A)	BOXED	CARDED
	MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
AGC (3AG)		
.5	0AGC.500V	–
1	0AGC001.V	0AGC001.VP
1.5	0AGC01.5V	0AGC01.5VP
2	0AGC002.V	0AGC002.VP
2.5	0AGC02.5V	0AGC02.5VP
3	0AGC003.V	0AGC003.VP
4	0AGC004.V	0AGC004.VP
5	0AGC005.V	0AGC005.VP
6	0AGC006.V	0AGC006.VP
7.5	0AGC07.5V	0AGC07.5VP
8	0AGC008.V	–
10	0AGC010.V	0AGC010.VP
15	0AGC015.V	0AGC015.VP
20	0AGC020.V	0AGC020.VP
25	0AGC025.V	0AGC025.VP
30	0AGC030.V	0AGC030.VP
35	0AGC035.V	0AGC035.VP

CURRENT RATING (A)	BOXED	CARDED
	MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
AGU (5AG)		
10	0AGU010.T	–
15	0AGU015.T	–
20	0AGU020.T	–
25	0AGU025.T	–
30	0AGU030.T	–
35	0AGU035.T	–
40	0AGU040.T	0AGU040.VPG
50	0AGU050.T	0AGU050.VPG
60	0AGU060.T	0AGU060.VPG
AGX (8AG)		
20	–	0AGX020.VP
25	–	0AGX025.VP
30	–	0AGX030.VP



SFE • Glass Fuses

Glass fuses designed to specifications set by the Society of Fuse Engineers. All are 1/4 inch in diameter, but vary in length according to the ampere rating to ensure accurate fuse replacement.

Voltage Rating: 32V AC/DC, 250V may be substituted

Additional information: littelfuse.com/Glass

CURRENT RATING (A)	BOXED	CARDED
	MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
4	0SFE004.V	0SFE004.VP
6	0SFE006.V	0SFE006.VP
7.5	0SFE007.5V	0SFE007.5VP
9	0SFE009.V	0SFE009.VP
14	0SFE014.V	0SFE014.VP
20	0SFE020.V	0SFE020.VP
30	0SFE030.V	0SFE030.VP



GBC • Torpedo Fuse

A thermoplastic type, torpedo shaped fuse that can be currently found in many European cars. Consisting of a heat resistant body, the fuse element stretches over the exterior of the body from end to end. The bodies vary in color (by amperage) to ensure proper replacement.

Voltage Rating: 32V AC/DC, 250V may be substituted

Additional information: littelfuse.com/Glass

CURRENT RATING (A)	BOXED	CARDED
	MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
5	0GBC005.V	–
8	0GBC008.V	0GBC008.VP
16	0GBC016.V	0GBC016.VP
25	0GBC025.V	0GBC025.VP

Specialty Fuse Products

CNNe, CNN, CNL Forklift Type Fuses

CNNe fuses are rated for applications up to 80V DC. As fork lift trucks voltages increase, circuit protection needs to be rated higher to handle the increased voltage. The 80V CNN_E and 48V CNN are considered very fast-acting for quicker reaction time, the 32V CNL fuses are fast-acting.

- Voltage Rating: CNL: 32V DC / 32V AC
CNN: 48V DC / 125V AC
CNNe: 80V DC / 125V AC
- Ampere Range: 10-800A
- Interrupting Rating: 2,500A
- Maximum Torque: 90 lbs

Download additional information: littelfuse.com/CNN



PART NUMBER			PART NUMBER			PART NUMBER		
MATERIAL #	CATALOG #	V DC	MATERIAL #	CATALOG #	V DC	MATERIAL #	CATALOG #	V DC
OCNN035E.V	CNN035E	80	OCNN010.V	CNN010	48	OCNL035.V	CNL035	32
OCNN040E.V	CNN040E	80	OCNN035.V	CNN035	48	OCNL040.V	CNL040	32
OCNN050E.V	CNN050E	80	OCNN040.V	CNN040	48	OCNL050.V	CNL050	32
OCNN060E.V	CNN060E	80	OCNN050.V	CNN050	48	OCNL060.V	CNL060	32
OCNN080E.V	CNN080E	80	OCNN060.V	CNN060	48	OCNL080.V	CNL080	32
OCNN090E.V	CNN090E	80	OCNN080.V	CNN080	48	OCNL100.V	CNL100	32
OCNN100E.V	CNN100E	80	OCNN090.V	CNN090	48	OCNL125.V	CNL125	32
OCNN125E.V	CNN125E	80	OCNN100.V	CNN100	48	OCNL150.V	CNL150	32
OCNN150E.V	CNN150E	80	OCNN125.V	CNN125	48	OCNL175.V	CNL175	32
OCNN175E.V	CNN175E	80	OCNN150.V	CNN150	48	OCNL200.V	CNL200	32
OCNN200E.V	CNN200E	80	OCNN175.V	CNN175	48	OCNL250.V	CNL250	32
OCNN225E.V	CNN225E	80	OCNN200.V	CNN200	48	OCNL275.V	CNL275	32
OCNN250E.V	CNN250E	80	OCNN225.V	CNN225	48	OCNL300.V	CNL300	32
OCNN275E.V	CNN275E	80	OCNN250.V	CNN250	48	OCNL350.V	CNL350	32
OCNN300E.V	CNN300E	80	OCNN275.V	CNN275	48	OCNL400.V	CNL400	32
OCNN325E.V	CNN325E	80	OCNN300.V	CNN300	48	OCNL500.V	CNL500	32
OCNN350E.V	CNN350E	80	OCNN325.V	CNN325	48			
OCNN400E.V	CNN400E	80	OCNN350.V	CNN350	48			
OCNN500E.V	CNN500E	80	OCNN400.V	CNN400	48			
OCNN600E.V	CNN600E	80	OCNN500.V	CNN500	48			
OCNN700E.V	CNN700E	80	OCNN600.V	CNN600	48			
OCNN800E.V	CNN800E	80	OCNN700.V	CNN700	48			
			OCNN800.V	CNN800	48			

160/300V DC • 1-1200A • UL Class T • JLLN & JLLS Series Fuses

- Voltage Rating: JLLN: 160V DC (1-60A) • 125V DC (70-1200A except 900A)
JLLS: 300V DC (1-1200A)

Download technical information at: littelfuse.com/JLLN or littelfuse.com/JLLS



CURRENT RATING (A)	JLLN			JLLS			PACK SIZE	CURRENT RATING (A)	JLLN			JLLS			PACK SIZE
	V DC	MATERIAL NUMBER	V DC	MATERIAL NUMBER	V DC	MATERIAL NUMBER			V DC	MATERIAL NUMBER	V DC	MATERIAL NUMBER			
1	160	JLLN001.T	300	JLLS001.T	10	125	125	JLLN125.X	300	JLLS125.X	1				
2	160	JLLN002.T	300	JLLS002.T	10	150	125	JLLN150.X	300	JLLS150.X	1				
3	160	JLLN003.T	300	JLLS003.T	10	175	125	JLLN175.X	300	JLLS175.X	1				
6	160	JLLN006.T	300	JLLS006.T	10	200	125	JLLN200.X	300	JLLS200.X	1				
10	160	JLLN010.T	300	JLLS010.T	10	225	125	JLLN225.X	300	JLLS225.X	1				
15	160	JLLN015.T	300	JLLS015.T	10	250	125	JLLN250.X	300	JLLS250.X	1				
20	160	JLLN020.T	300	JLLS020.T	10	300	125	JLLN300.X	300	JLLS300.X	1				
25	160	JLLN025.T	300	JLLS025.T	10	350	125	JLLN350.X	300	JLLS350.X	1				
30	160	JLLN030.T	300	JLLS030.T	10	400	125	JLLN400.X	300	JLLS400.X	1				
35	160	JLLN035.T	300	JLLS035.T	10	450	125	JLLN450.X	300	JLLS450.X	1				
40	160	JLLN040.T	300	JLLS040.T	10	500	125	JLLN500.X	300	JLLS500.X	1				
45	160	JLLN045.T	300	JLLS045.T	10	600	125	JLLN600.X	300	JLLS600.X	1				
50	160	JLLN050.T	300	JLLS050.T	10	700	125	JLLN700.X	300	JLLS700.X	1				
60	160	JLLN060.T	300	JLLS060.T	10	800	125	JLLN800.X	300	JLLS800.X	1				
70	125	JLLN070.V	300	JLLS070.V	5	900	-	-	300	JLLS900.X	1				
80	125	JLLN080.V	300	JLLS080.V	5	1000	125	JLLN1000X	300	JLLS1000X	1				
90	125	JLLN090.V	300	JLLS090.V	5	1100	125	JLLN1100X	300	JLLS1100X	1				
100	125	JLLN100.V	300	JLLS100.V	5	1200	125	JLLN1200X	300	JLLS1200X	1				
110	125	JLLN110.X	300	JLLS110.X	1										

Honda, Volkswagen and Universal Fusible Links

- Honda** Fusible links fit Honda Civics fusible link bar. Available in 45, 55 & 65A. Carded merchandise only available in 3 piece assortment 094413.
- Volkswagen** Fusible links fit Volkswagen and Universal fusible link bars. Available in 30, 40, 50, 60, 80, 110, 150 & 175 amp fuse bars.
- Universal** Fusible links are OEM replacement fusible link bars. Available in 30, 50, 80 & 100A.



CARDERD PART NUMBER		DESCRIPTION
MATERIAL NUMBER	CATALOG NUMBER	
00940413ZP	094413	Fusible Link assortment - fits Honda™ vehicles
00940402ZP	0940402	Fusible Link assortment - fits Volkswagen™ vehicles
OFLC014.XP	FLC14BP	Fusible Link 14 AWG
OFLW014.XP	FLW14BP	Fusible Link 14 AWG with Terminals
OFLW016.XP	FLW16BP	Fusible Link 16 AWG with Terminals