

Fuse Packaging

Standard Fuse Packaging

BOXED MERCHANDISE	PIECES/BOX	STANDARD PACK	ORDER
ATO, MINI Fuses	5 to a box	100 (twenty 5 packs)	by piece
Glass Ceramic Fuses	5 to a box	50 (ten 5 packs)	by piece
AGU Fuses	10 to a box	10 (one 10 pack)	by piece
MAXI, PAL, MEGA, MIDI	1 to a pack	10	by piece
Flashers, Circuit Breakers, Fuse Holders	1 to a pack	10	by piece
RETAIL PACKAGED MERCHANDISE	FUSES/CARD	STANDARD PACK	ORDER
ATO, MINI Fuses, Glass, Ceramic Fuses	5 to a card	5 cards/shelf pack	by card
MAXI, PAL, MEGA, MIDI Fuses	1 to a card	5 cards/shelf pack	by card
Plus Packs	25	5 cards/shelf pack	by card
Retail Carded Kits and Assortments	Various	5 cards/shelf pack	by card
Assortments, Jobber Boards, Merchandisers, etc.	Various	Single unit	by unit

Examples of Order Numbers

Order numbers must have between 9 characters and 15 characters. These are for added description, such as ZXPRO. When you place an order, write or type the characters without a break in the string.

0ATO 010. VP

First set of four
"ATO Fuses"

Second set of four
"10 Amps"

"Retail pack of 5"

0MIN 030. ZXPRO

First set of four
"MINI Fuses"

Second set of four
"30 Amps"

"Professional Pack"

Mandatory Characters

First set of four

These identify the product group, like LMIN (Low profile MINI fuse) or OMAX (MAXI fuses).

Second set of four

These identify the product subgroup. In fuses, this usually identifies the amperage.

The decimal point counts as one character, eg 010. = 10A, 100. = 100A, 01.5 = 1.5A.

9th character

Inner pack quantity. See list of codes below.

Inner Pack Codes

Quantity Code

1 = X	500 = U
5 = V	1,000 = M
10 = T	1,500 = D
20 = S	2,500 = E
50 = L	3,000 = W
100 = H	4,000 = Y
200 = F	5,000 = N
250 = G	10,000 = K

Optional Characters

10th Character

Packaging type. P= Retail pack, B=Blister Pack.

Last set of 5

May be used to give additional information such as, MXGLO for SmartGlow fuses

Blade Fuses

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MINI® • 2-30A • Standard and Smart Glow Blade Fuses

The MINI fuse is quickly becoming the new standard for vehicle circuit protection. Its miniature design meets the need for more circuits to be protected while utilizing less space, and its ability to cope with high temperatures in adverse environments makes the MINI fuse the recommended choice for protection. Smart Glow fuses are innovative automotive style fuses that feature an indicator light that glows when the fuse is blown, saving time to troubleshoot an open circuit.

Additional information: littelfuse.com/MINI

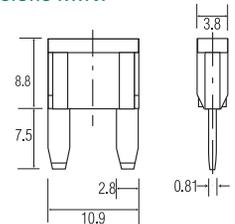
Standard: Voltage Rating Characteristics: 32V AC/DC Fast-Acting, Approvals: UL listed, SAE J2077.

Smart Glow: Interrupting Rating: 1000A @ 32V DC, Voltage Rating: 32V DC, Operating Temperature Range: -40°C to +125°C, Terminals: Tin plated zinc

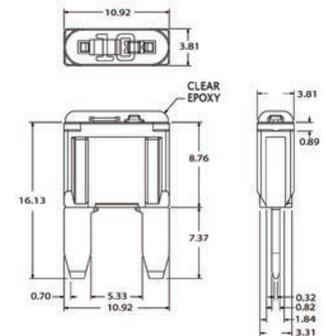


COLOR CODE	CURRENT RATING (A)	BOXED	CARDED	CARDED PLUS PACK	CARDED
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER	PACKAGING MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Gray	2	OMIN002.V	OMIN002.VP	—	—
Violet	3	OMIN003.V	OMIN003.VP	—	OMIN003.VPGLO
Pink	4	OMIN004.V	OMIN004.VP	—	—
Tan	5	OMIN005.V	OMIN005.VP	—	OMIN005.VPGLO
Brown	7.5	OMIN07.5V	OMIN07.5VP	—	OMIN07.5VPGLO
Red	10	OMIN010.V	OMIN010.VP	OMIN010.ZXPRO	OMIN010.VPGLO
Blue	15	OMIN015.V	OMIN015.VP	OMIN015.ZXPRO	OMIN015.VPGLO
Yellow	20	OMIN020.V	OMIN020.VP	OMIN020.ZXPRO	OMIN020.VPGLO
Clear	25	OMIN025.V	OMIN025.VP	OMIN025.ZXPRO	OMIN025.VPGLO
Green	30	OMIN030.V	OMIN030.VP	OMIN030.ZXPRO	OMIN030.VPGLO

Dimensions MINI®



Dimensions SMART GLOW MINI®



Low Profile MINI® • 2-30A • Blade Fuses

The Low Profile MINI fuse is designed to mate with tuning-fork terminals, which provides additional weight and material savings in fuse box designs by eliminating the need for female box terminals.

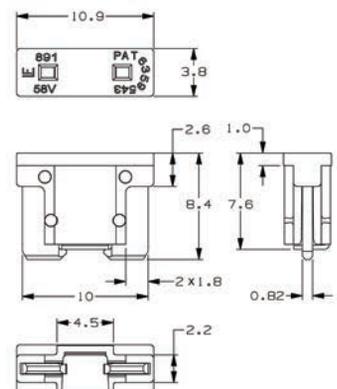
Additional information: littelfuse.com/LPMINI

Voltage Rating: 58V DC, Interrupting Rating: 1000A @ 58V DC, Operating Temperature Range: -40°C to +125°C, Terminals: Silver plated zinc, Housing Materials: Nylon composite



COLOR CODE	CURRENT RATING (A)	BOXED	CARDED	CARDED PLUS PACK
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Gray	2	LMIN002.V	—	—
Tan	5	LMIN005.V	LMIN005.VP	LMIN005.ZXPROA
Brown	7.5	LMIN07.5V	—	—
Red	10	LMIN010.V	LMIN010.VP	LMIN010.ZXPROA
Blue	15	LMIN015.V	LMIN015.VP	LMIN015.ZXPROA
Yellow	20	LMIN020.V	LMIN020.VP	LMIN020.ZXPROA
Clear	25	LMIN025.V	LMIN025.VP	LMIN025.ZXPROA
Green	30	LMIN030.V	LMIN030.VP	LMIN030.ZXPROA

Dimensions Low Profile MINI®



Blade Fuses



ATO® • Autofuse® • 1-40A • Standard and Smart Glow Blade Fuses

The ATO fuse is currently found on most cars, trucks, buses and off the road vehicles worldwide. Features Littelfuse designed industry standard color coding to indicate amp rating. Smart Glow fuses are innovative automotive style fuses that feature an indicator light that glows when the fuse is blown, saving time to troubleshoot an open circuit. Additional information: littelfuse.com/ATO

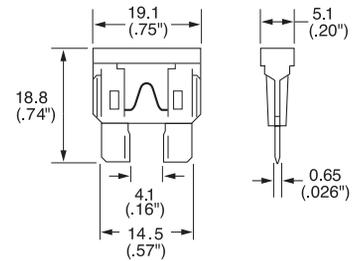
Standard: Voltage Rating Characteristics: 32V AC/DC Fast-Acting Approvals: UL listed, SAE J2077.

Smart Glow: Interrupting Rating: 1000A @ 32V DC Voltage Rating: 32V DC Operating Temperature Range: -40°C to +125°C Terminals: Tin plated zinc

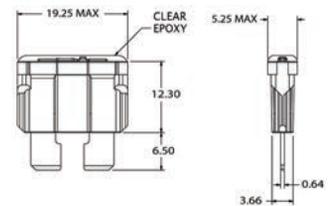


COLOR CODE	CURRENT RATING (A)	BOXED	CARDED	CARDED PLUS PACK	CARDED
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER	PACKAGING MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Black	1	OATO001.V	OATO001.VP	-	-
Gray	2	OATO002.V	OATO002.VP	-	-
Violet	3	OATO003.V	OATO003.VP	-	OATO003.VPGLO
Pink	4	OATO004.V	OATO004.VP	-	-
Tan	5	OATO005.V	OATO005.VP	OATO005.ZXPRO	OATO005.VPGLO
Brown	7.5	OATO007.5V	OATO007.5VP	OATO007.5ZXPRO	OATO007.5VPGLO
Red	10	OATO010.V	OATO010.VP	OATO010.ZXPRO	OATO010.VPGLO
Blue	15	OATO015.V	OATO015.VP	OATO015.ZXPRO	OATO015.VPGLO
Yellow	20	OATO020.V	OATO020.VP	OATO020.ZXPRO	OATO020.VPGLO
Clear	25	OATO025.V	OATO025.VP	OATO025.ZXPRO	OATO025.VPGLO
Green	30	OATO030.V	OATO030.VP	OATO030.ZXPRO	OATO030.VPGLO
Orange	40	OATO040.V	OATO040.VP	-	-

Dimensions ATO®



Dimensions SMART GLOW ATO®



MAXI • 20-100A • Standard and Smart Glow Blade Fuses

MAXI Fuses are primarily used for under hood applications and are produced with a high temperature polymer and silver plated blades. They replace the commonly used fusible wire or fusible link to protect a high current segment or system of the wiring harness. Features Littelfuse designed industry standard color coding to indicate amp rating. Smart Glow fuses are innovative automotive style fuses that feature an indicator light that glows when the fuse is blown, saving time to troubleshoot an open circuit.

Additional information: littelfuse.com/MAXI

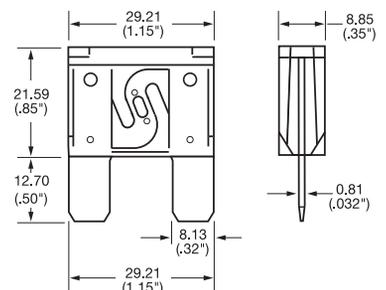
Standard: Voltage Rating: 32V DC, Interrupting Ratings: 1000A @ 32V DC, Operating Temperature Range: -40°C to +125°C, Terminals: Silver plated

Smart Glow: Voltage Rating: 32V DC, Interrupting Ratings: 1000A @ 32V DC, Operating Temperature Range: -40°C to +125°C, Terminals: Silver plated



Dimensions MAXI

COLOR CODE	CURRENT RATING (A)	BOXED	CARDED	CARDED
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Yellow	20	OMAX020.X	OMAX020.XP	OMAX020.XPGLO
Green	30	OMAX030.X	OMAX030.XP	OMAX030.XPGLO
Orange	40	OMAX040.X	OMAX040.XP	OMAX040.XPGLO
Red	50	OMAX050.X	OMAX050.XP	OMAX050.XPGLO
Blue	60	OMAX060.X	OMAX060.XP	OMAX060.XPGLO
Tan	70	OMAX070.X	-	OMAX070.XPGLO
Clear	80	OMAX080.X	OMAX080.XP	OMAX080.XPGLO
Purple	100	-	-	OMAX100.XPGLO



Blade Fuses

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MICRO2® • 5-30A • Blade Fuses

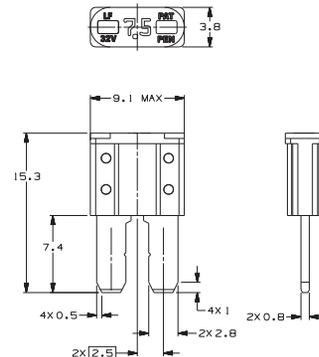
Its sub-miniature design meets the need for more circuits to be protected while utilizing less space and its ability to cope with high temperatures in adverse environments makes the MICRO2 Fuse the recommended choice for protection.

Additional information: littelfuse.com/MICRO2

Voltage Rating: 32V DC, Interrupting Ratings: 1000A @ 32V DC, Operating Temperature Range: -40°C to +125°C

COLOR CODE	CURRENT RATING (A)	BULK 50-PC	BOXED 25-PC	BOXED 5-PC	CARDED 5-PC
		MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER
Tan	5	0327005.LXS	–	MIC2005.V	MIC2005.VP
Brown	7.5	032707.5LXS	–	MIC207.5V	MIC207.5VP
Red	10	0327010.LXS	MIC2010.ZXPRO	MIC2010.V	MIC2010.VP
Blue	15	0327015.LXS	MIC2015.ZXPRO	MIC2015.V	MIC2015.VP
Yellow	20	0327020.LXS	MIC2020.ZXPRO	MIC2020.V	MIC2020.VP
Clear	25	0327025.LXS	–	MIC2025.V	MIC2025.VP
Green	30	0327030.LXS	MIC2030.ZXPRO	MIC2030.V	MIC2030.VP

Dimensions MICRO2®



MICRO3® • 5-15A • Blade Fuses

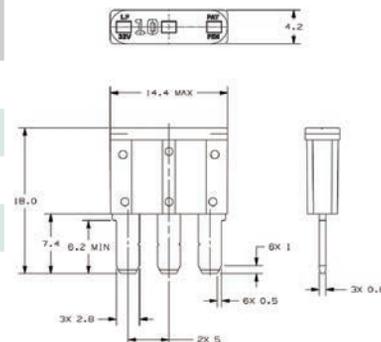
The MICRO3 Fuse is the new standard for vehicle circuit protection. The MICRO3 Fuse has 3 terminals and 2 fuse elements with a common center terminal. Its sub-miniature design meets the need for more circuits to be protected while utilizing less space and its ability to cope with high temperatures in adverse environments makes the MICRO3 Fuse the recommended choice for protection.

Additional information: littelfuse.com/MICRO3

Voltage Rating: 32V DC, Interrupting Ratings: 1000A @ 32V DC, Operating Temperature Range: -40°C to +125°C

COLOR CODE	CURRENT RATING (A)	BULK 50-PC	BOXED 25-PC	BOXED 5-PC	CARDED 5-PC
		MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER
Tan	5	0337005.LXS	MIC3005.ZXPRO	MIC3005.V	MIC3005.VP
Brown	7.5	033707.5LXS	MIC307.5ZXPRO	MIC307.5V	MIC307.5VP
Red	10	0337010.LXS	MIC3010.ZXPRO	MIC3010.V	MIC3010.VP
Blue	15	0337015.LXS	MIC3015.ZXPRO	MIC3015.V	MIC3015.VP

Dimensions MICRO3®



Cartridge Fuses

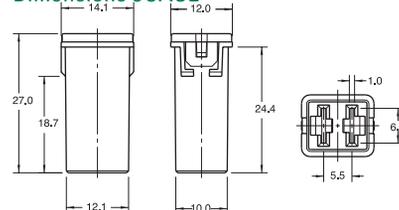
JCASE® • 20-60A • Cartridge Fuses

Smaller space saving footprint is being designed in by many OEM's. Patented technology provides both increased time delay and low voltage drop. Features ANSI standard OCR-A font for visual inspection systems, double spring-beam box terminal and unique secondary locking feature holds terminal firmly in place. Additional information: littelfuse.com/JCASE

Voltage Rating Characteristics: 32V AC/DC Slo-Blo®, Interrupting Ratings: 1000A @ 32V DC, Operating Temperature Range: -40°C to +125°C, Insertion Force: 53N max. (12lb), Extraction Force: 9N min. (2lb)

COLOR CODE	CURRENT RATING (A)	BOXED	CARDED
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Blue	20	JCAS020.X	JCAS020.XP
White	25	JCAS025.X	JCAS025.XP
Pink	30	JCAS030.X	JCAS030.XP
Green	40	JCAS040.X	JCAS040.XP
Red	50	JCAS050.X	JCAS050.XP
Yellow	60	JCAS060.X	JCAS060.XP

Dimensions JCASE®



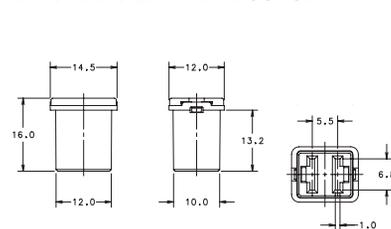
Low Profile JCASE® • 20-60A • Cartridge Fuses

Smaller space saving footprint is being designed in by many OEM's. Patented technology provides both increased time delay and low voltage drop. Features ANSI standard OCR-A font for visual inspection systems, double spring-beam box terminal and unique secondary locking feature holds terminal firmly in place. Additional information: littelfuse.com/LPJCASE

Voltage Rating: 58V DC, Interrupting Rating: 1000A @ 58V DC, Operating Temperature Range: -40°C to +125°C, Insertion Force: 53N Max. (12 lb.), Extraction Force: 9N Min (2 lb.)

COLOR CODE	CURRENT RATING (A)	BOXED	CARDED
		MATERIAL NUMBER	PACKAGING MATERIAL NUMBER
Blue	20	LJCA020.X	LJCA020.XP
White	25	LJCA025.X	LJCA025.XPA
Pink	30	LJCA030.X	LJCA030.XP
Green	40	LJCA040.X	LJCA040.XP
Red	50	LJCA050.X	LJCA050.XP
Yellow	60	LJCA060.X	LJCA060.XP

Dimensions Low Profile JCASE®

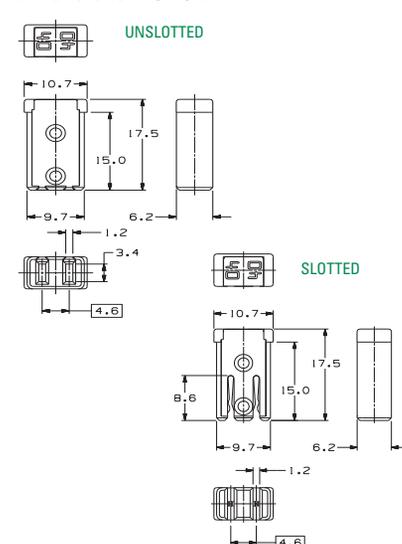


MCASE+® • 15-60A • Cartridge Fuses

The Unslotted MCASE+ Fuse is a cartridge style fuse up to 40A with female terminals for 2.8 mm male terminals. The Slotted MCASE+ Fuse is available up to 60A and can mate with larger male terminals (e.g., 6.3mm) or even mount directly to onto a busbar. Miniaturized footprint for optimal usage of space, featuring time delay and the ability to handle inrush currents. Additional information: littelfuse.com/MCASE

Voltage Rating: 32V DC, Interrupting Ratings: 1000A @ 32V DC, Operating Temperature Range: -40°C to +125°C Fuse Insertion Force: 50N (11.2lb) Typical, Extraction Force: 4N Min. (0.9 lb.) | 24.5N Max. (5.5 lb)

Dimensions MCASE+®



	COLOR CODE	CURRENT RATING (A)	BULK 500-PC	BOXED 50-PC	BOXED 5-PC	CARDED 1-PC
			MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER
UNSLOTTED	Gray	15	0695015.U	0695015.LPXP	MCAS015.V	MCAS015.XP
	Blue	20	0695020.U	0695020.LPXP	MCAS020.V	MCAS020.XP
	White	25	0695025.U	0695025.LPXP	MCAS025.V	MCAS025.XP
	Pink	30	0695030.U	0695030.LPXP	MCAS030.V	MCAS030.XP
	Green	40	0695040.U	0695040.LPXP	MCAS040.V	MCAS040.XP
SLOTTED	COLOR CODE	CURRENT RATING (A)	BULK 500-PC	BOXED 50-PC	BOXED 5-PC	CARDED 1-PC
	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER	
	Gray	15	0695015.US	0695015.LPXPS	MCAS015.VS	MCAS015.XPS
	Blue	20	0695020.US	0695020.LPXPS	MCAS020.VS	MCAS020.XPS
	White	25	0695025.US	0695025.LPXPS	MCAS025.VS	MCAS025.XPS
	Pink	30	0695030.US	0695030.LPXPS	MCAS030.VS	MCAS030.XPS
	Green	40	0695040.US	0695040.LPXPS	MCAS040.VS	MCAS040.XPS
Red	50	0695050.US	0695050.LPXPS	MCAS050.VS	MCAS050.XPS	
Yellow	60	0695060.US	0695060.LPXPS	MCAS060.VS	MCAS060.XPS	

* Please inquire about additional bulk quantities