

# OPTIFUSE



## **AFTERMARKET CIRCUIT PROTECTION PRODUCTS**

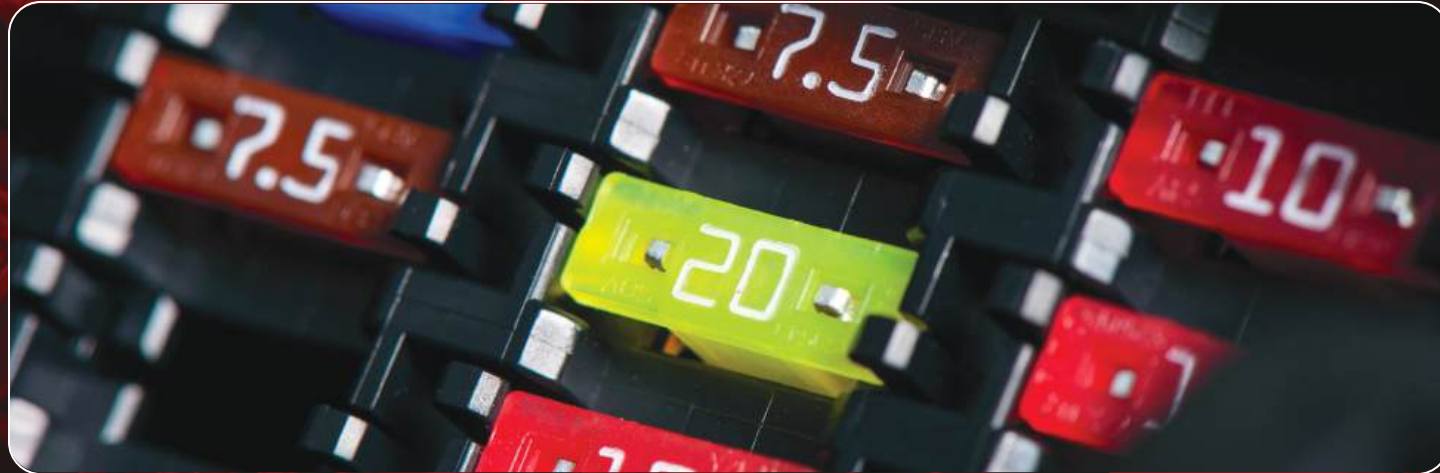
AUTOMOTIVE | HEAVY-DUTY | OEM | CONSTRUCTION | EMERGENCY | MUNICIPAL  
BUS | MARINE | R.V. | MOTORCYCLE | OFF-ROAD | RECREATIONAL | INDUSTRIAL

[WWW.OPTIFUSE.COM](http://WWW.OPTIFUSE.COM)

# AUTOMOTIVE CIRCUIT PROTECTION

## (BLADE, LINK, GLASS, CERAMIC & BOLT-ON FUSES)

Assorted styles of innovative, versatile fuses are available to protect circuits from dangerous overcurrent in automotive, electronic, and industrial applications.



Fuses are designed to allow current to safely flow during normal operating conditions, but when an overcurrent develops, the fuse opens, protecting your electrical system from harmful currents. Key characteristics of fuses include physical size, electrical ratings, opening speed, and safety approvals.

OptiFuse's new high voltage blade fuses are designed to meet the higher voltage requirements now standard on EV and Hybrid vehicles. Our extensive in-line fuse holder and fuse block offering provides the necessary mounting solution for high voltage blade fuses.

<p><b>HIGH VOLTAGE BLADE FUSES</b> ANR58-UL, APR58-UL, ANX58-UL, ANM58, ANK58, ANT58 <b>58VDC</b></p>	<p><b>HIGH VOLTAGE BLADE FUSES</b> ANR80-UL, ANX80-UL, ANM80, ANT80 <b>80VDC</b></p>	<p><b>HIGH VOLTAGE BLADE FUSES</b> ANM125-M <b>125VDC</b></p>
<p><b>HIGH VOLTAGE BLADE FUSES</b> ANR250-UL <b>250VAC</b></p>	<p><b>IN-LINE FUSE HOLDERS</b> VOLTAGE RATINGS UP TO <b>125VDC/250VAC</b></p>	<p><b>FUSE BLOCKS</b> VOLTAGE RATINGS UP TO <b>80VDC</b></p>

Visit [www.optifuse.com](http://www.optifuse.com) for our complete product offering.

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# MAXIMIZE YOUR RETAIL SPACE WITH OPTIFUSE PACKAGING!

Discover the power of OptiFuse's industry-leading retail packaging, designed to captivate your customers. Our compact and innovative designs ensure your products stand out, while minimizing valuable retail space.

### Why Choose OptiFuse?

- Trilingual Product Information: Clear, concise details in multiple languages.
- Industry Certifications: Assured quality and compliance.
- UPC Codes: Simplified inventory management.

Perfect for the automotive, marine, transportation, electrical, and industrial industries. Elevate your retail display with OptiFuse – where quality meets efficiency.

For retail packaged products add the following suffix to the bulk part number.

Retail Packs “-BP” Value Packs “-VP” Pill Boxes “-BX”

## RETAIL PACKAGING

### Assortment Kits



### Assortment Packs



### Multi-Packs



### Value Packs



### Pill Boxes



### Single-Packs



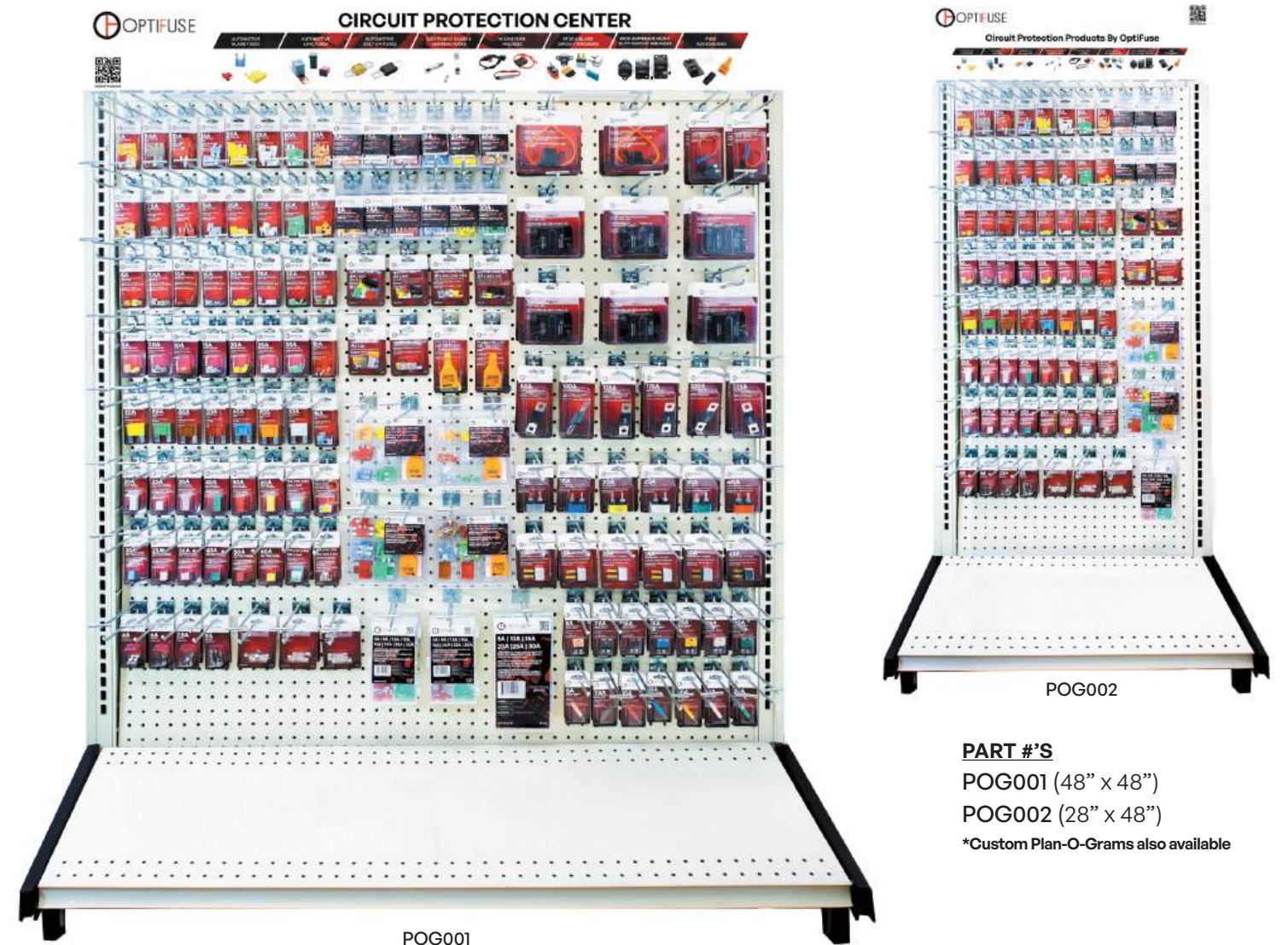
## BULK PACKAGING POLYBAG



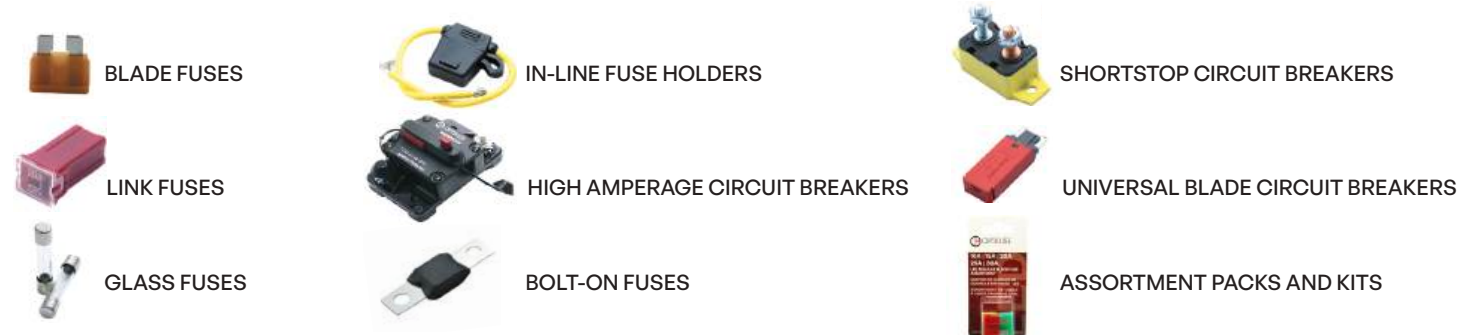
OptiFuse provides one of the largest stocking inventories available.

# CIRCUIT PROTECTION PLAN-O-GRAMS

OptiFuse plan-o-grams supply optimal utilization of your showroom's valuable merchandising space and provides maximum exposure of your stocking inventories.



**PART #'S**  
 POG001 (48" x 48")  
 POG002 (28" x 48")  
 \*Custom Plan-O-Grams also available



Along with our industry-leading retail package offering, our experienced sales team is ready to help elevate your retail offering to make you stand out from the rest. Contact your local sales representative today.

Designed with industry-standard color-coding nylon PA 66 material and zinc alloy terminals for easy amperage identification. Used in light & heavy-duty cars, trucks, bus, transport, and off-road vehicles. Voltage Rating: 32VDC; Standards: Meets SAE & ISO 8820; Interrupt Rating: 1,000A @ 32VDC. Higher Voltage (58VDC, 80VDC, 250VAC) and UL recognized blade fuses also available. LED indicating option provide an easy identification of an open circuit. Replaceable blade fuse available in bulk, pill boxes, blister & clam shell retail packaging, assorted kits & packs.



**MINIATURE BLADE FUSES - ANM SERIES**

Amps.	Body Color	Bulk Part #	Box Part #	Pack Size	Retail Pack #	Pack Size	Value Pack #	Pack Size
2A	Gray	ANM-2A	ANM-2A-BX	5	ANM-2A-BP	5	ANM-2A-VP	25
3A	Violet	ANM-3A	ANM-3A-BX	5	ANM-3A-BP	5	ANM-3A-VP	25
4A	Pink	ANM-4A	ANM-4A-BX	5	ANM-4A-BP	5	ANM-4A-VP	25
5A	Tan	ANM-5A	ANM-5A-BX	5	ANM-5A-BP	5	ANM-5A-VP	25
7.5A	Brown	ANM-7.5A	ANM-7.5A-BX	5	ANM-7.5A-BP	5	ANM-7.5A-VP	25
10A	Red	ANM-10A	ANM-10A-BX	5	ANM-10A-BP	5	ANM-10A-VP	25
15A	Blue	ANM-15A	ANM-15A-BX	5	ANM-15A-BP	5	ANM-15A-VP	25
20A	Yellow	ANM-20A	ANM-20A-BX	5	ANM-20A-BP	5	ANM-20A-VP	25
25A	Clear	ANM-25A	ANM-25A-BX	5	ANM-25A-BP	5	ANM-25A-VP	25
30A	Green	ANM-30A	ANM-30A-BX	5	ANM-30A-BP	5	ANM-30A-VP	25



**LED MINIATURE BLADE FUSES - ANM-I SERIES**

Amps.	Body Color	LED Bulk Part #	LED Box Part #	Pack Size	LED Retail Pack #	Pack Size
3A	Violet	ANM-I-3A	ANM-I-3A-BX	5	ANM-I-3A-BP	2
5A	Tan	ANM-I-5A	ANM-I-5A-BX	5	ANM-I-5A-BP	2
7.5A	Brown	ANM-I-7.5A	ANM-I-7.5A-BX	5	ANM-I-7.5A-BP	2
10A	Red	ANM-I-10A	ANM-I-10A-BX	5	ANM-I-10A-BP	2
15A	Blue	ANM-I-15A	ANM-I-15A-BX	5	ANM-I-15A-BP	2
20A	Yellow	ANM-I-20A	ANM-I-20A-BX	5	ANM-I-20A-BP	2
25A	Clear	ANM-I-25A	ANM-I-25A-BX	5	ANM-I-25A-BP	2
30A	Green	ANM-I-30A	ANM-I-30A-BX	5	ANM-I-30A-BP	2

Low profile design allows for minimal space and maximum protection.



**LOW PROFILE, MINIATURE BLADE FUSES - ANS SERIES**

Amps.	Body Color	Bulk Part #	Box Part #	Pack Size	Retail Pack #	Pack Size	Value Pack #	Pack Size
3A	Violet	ANS-3A	ANS-3A-BX	5	-	-	-	-
4A	Pink	ANS-4A	ANS-4A-BX	5	-	-	-	-
5A	Tan	ANS-5A	ANS-5A-BX	5	ANS-5A-BP	5	ANS-5A-VP	25
7.5A	Brown	ANS-7.5A	ANS-7.5A-BX	5	ANS-7.5A-BP	5	ANS-7.5A-VP	25
10A	Red	ANS-10A	ANS-10A-BX	5	ANS-10A-BP	5	ANS-10A-VP	25
15A	Blue	ANS-15A	ANS-15A-BX	5	ANS-15A-BP	5	ANS-15A-VP	25
20A	Yellow	ANS-20A	ANS-20A-BX	5	ANS-20A-BP	5	ANS-20A-VP	25
25A	Clear	ANS-25A	ANS-25A-BX	5	ANS-25A-BP	5	ANS-25A-VP	25
30A	Green	ANS-30A	ANS-30A-BX	5	ANS-30A-BP	5	ANS-30A-VP	25



**LED LOW PROFILE, MINIATURE BLADE FUSES - ANS-I SERIES**

Amps.	Body Color	LED Bulk Part #	LED Box Part #	Pack Size	LED Retail Pack #	Pack Size
3A	Violet	ANS-I-3A	ANS-I-3A-BX	5	-	-
4A	Pink	ANS-I-4A	ANS-I-4A-BX	5	-	-
5A	Tan	ANS-I-5A	ANS-I-5A-BX	5	ANS-I-5A-BP	2
7.5A	Brown	ANS-I-7.5A	ANS-I-7.5A-BX	5	ANS-I-7.5A-BP	2
10A	Red	ANS-I-10A	ANS-I-10A-BX	5	ANS-I-10A-BP	2
15A	Blue	ANS-I-15A	ANS-I-15A-BX	5	ANS-I-15A-BP	2
20A	Yellow	ANS-I-20A	ANS-I-20A-BX	5	ANS-I-20A-BP	2
25A	Clear	ANS-I-25A	ANS-I-25A-BX	5	ANS-I-25A-BP	2
30A	Green	ANS-I-30A	ANS-I-30A-BX	5	ANS-I-30A-BP	2



ANR-40A-BP

ANR-10A-VP

**REGULAR, (ATO/ATC) STYLE BLADE FUSES - ANR SERIES**

Amps.	Body Color	Bulk Part #	Box Part #	Pack Size	Retail Pack #	Pack Size	Value Pack #	Pack Size
1A	Black	ANR-1A	ANR-1A-BX	5	ANR-1A-BP	5	-	-
2A	Gray	ANR-2A	ANR-2A-BX	5	ANR-2A-BP	5	-	-
3A	Violet	ANR-3A	ANR-3A-BX	5	ANR-3A-BP	5	ANR-3A-VP	25
4A	Pink	ANR-4A	ANR-4A-BX	5	ANR-4A-BP	5	ANR-4A-VP	25
5A	Tan	ANR-5A	ANR-5A-BX	5	ANR-5A-BP	5	ANR-5A-VP	25
7.5A	Brown	ANR-7.5A	ANR-7.5A-BX	5	ANR-7.5A-BP	5	ANR-7.5A-VP	25
10A	Red	ANR-10A	ANR-10A-BX	5	ANR-10A-BP	5	ANR-10A-VP	25
15A	Blue	ANR-15A	ANR-15A-BX	5	ANR-15A-BP	5	ANR-15A-VP	25
20A	Yellow	ANR-20A	ANR-20A-BX	5	ANR-20A-BP	5	ANR-20A-VP	25
25A	Clear	ANR-25A	ANR-25A-BX	5	ANR-25A-BP	5	ANR-25A-VP	25
30A	Green	ANR-30A	ANR-30A-BX	5	ANR-30A-BP	5	ANR-30A-VP	25
35A	Bl. Green	ANR-35A	ANR-35A-BX	5	ANR-35A-BP	5	-	-
40A	Orange	ANR-40A	ANR-40A-BX	5	ANR-40A-BP	5	ANR-40A-VP	25



ANR-I-15A-BP

**LED REGULAR, (ATO/ATC) STYLE BLADE FUSES - ANR-I SERIES**

Amps.	Body Color	LED Bulk Part #	LED Box Part #	Pack Size	LED Retail Pack #	Pack Size
3A	Violet	ANR-I-3A	ANR-I-3A-BX	5	ANR-I-3A-BP	2
5A	Tan	ANR-I-5A	ANR-I-5A-BX	5	ANR-I-5A-BP	2
7.5A	Brown	ANR-I-7.5A	ANR-I-7.5A-BX	5	ANR-I-7.5A-BP	2
10A	Red	ANR-I-10A	ANR-I-10A-BX	5	ANR-I-10A-BP	2
15A	Blue	ANR-I-15A	ANR-I-15A-BX	5	ANR-I-15A-BP	2
20A	Yellow	ANR-I-20A	ANR-I-20A-BX	5	ANR-I-20A-BP	2
25A	Clear	ANR-I-25A	ANR-I-25A-BX	5	ANR-I-25A-BP	2
30A	Green	ANR-I-30A	ANR-I-30A-BX	5	ANR-I-30A-BP	2
35A	Bl. Green	ANR-I-35A	ANR-I-35A-BX	5	-	-
40A	Orange	ANR-I-40A	ANR-I-40A-BX	5	ANR-I-40A-BP	2

Space saving design - smaller than the miniature blade.



ANT-30A-BP

**MICRO2 STYLE BLADE FUSES - ANT SERIES**

Amps.	Body Color	Bulk Part #	Box Part #	Pack Size	Retail Pack #	Pack Size
5A	Tan	ANT-5A	ANT-5A-BX	5	ANT-5A-BP	5
7.5A	Brown	ANT-7.5A	ANT-7.5A-BX	5	ANT-7.5A-BP	5
10A	Red	ANT-10A	ANT-10A-BX	5	ANT-10A-BP	5
15A	Blue	ANT-15A	ANT-15A-BX	5	ANT-15A-BP	5
20A	Yellow	ANT-20A	ANT-20A-BX	5	ANT-20A-BP	5
25A	Clear	ANT-25A	ANT-25A-BX	5	ANT-25A-BP	5
30A	Green	ANT-30A	ANT-30A-BX	5	ANT-30A-BP	5



ANT-I-20A-BP

**LED MICRO2 STYLE BLADE FUSES - ANT-I SERIES**

Amps.	Body Color	LED Bulk Part #	LED Box Part #	Pack Size	LED Retail Pack #	Pack Size
3A	Violet	ANT-I-3A	ANT-I-3A-BX	5	-	-
4A	Pink	ANT-I-4A	ANT-I-4A-BX	5	-	-
5A	Tan	ANT-I-5A	ANT-I-5A-BX	5	ANT-I-5A-BP	2
7.5A	Brown	ANT-I-7.5A	ANT-I-7.5A-BX	5	ANT-I-7.5A-BP	2
10A	Red	ANT-I-10A	ANT-I-10A-BX	5	ANT-I-10A-BP	2
15A	Blue	ANT-I-15A	ANT-I-15A-BX	5	ANT-I-15A-BP	2
20A	Yellow	ANT-I-20A	ANT-I-20A-BX	5	ANT-I-20A-BP	2
25A	Clear	ANT-I-25A	ANT-I-25A-BX	5	ANT-I-25A-BP	2
30A	Green	ANT-I-30A	ANT-I-30A-BX	5	ANT-I-30A-BP	2

Provides protection for 2 circuits in one piece design. Used in newer vehicles.



**MICRO3 STYLE BLADE FUSES - ANK SERIES**

Amps.	Body Color	Bulk Part #	Box Part #	Pack Size	Retail Pack #	Pack Size
5A	Tan	ANK-5A	ANK-5A-BX	5	ANK-5A-BP	5
7.5A	Brown	ANK-7.5A	ANK-7.5A-BX	5	ANK-7.5A-BP	5
10A	Red	ANK-10A	ANK-10A-BX	5	ANK-10A-BP	5
15A	Blue	ANK-15A	ANK-15A-BX	5	ANK-15A-BP	5

Large blade fuses designed to protect a wiring harness that requires higher amperages. LED technology helps to easily identify an open circuit.

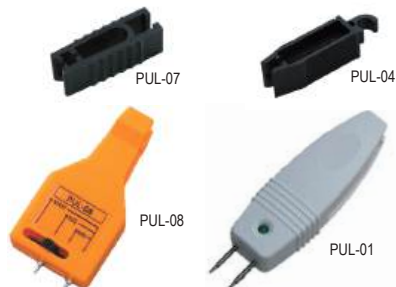


LED

**LARGE, MAXI STYLE BLADE FUSES - ANX/ANX-I SERIES**

Amps.	Body Color	Bulk Part #	Retail Pack #	Pack Size	LED	Bulk Part #	LED	Retail Pack #	Pack Size
20A	Yellow	ANX-20A	ANX-20A-BP	1		ANX-I-20A		ANX-I-20A-BP	1
30A	Green	ANX-30A	ANX-30A-BP	1		ANX-I-30A		ANX-I-30A-BP	1
40A	Orange	ANX-40A	ANX-40A-BP	1		ANX-I-40A		ANX-I-40A-BP	1
50A	Red	ANX-50A	ANX-50A-BP	1		ANX-I-50A		ANX-I-50A-BP	1
60A	Blue	ANX-60A	ANX-60A-BP	1		ANX-I-60A		ANX-I-60A-BP	1
70A	Tan	ANX-70A	ANX-70A-BP	1		ANX-I-70A		ANX-I-70A-BP	1
80A	Clear	ANX-80A	ANX-80A-BP	1		ANX-I-80A		ANX-I-80A-BP	1

**FUSE TESTERS AND PULLERS - AUTOMOTIVE BLADE & GLASS FUSES**



Description	Bulk Part #	Retail Pack #	Pack Size
Puller - Blade Fuses	PUL-07	PUL-07-BP	1
Puller - Blade, Glass/Ceramic Fuses	PUL-04	-	1
Tester & Puller - Blade Fuses	PUL-08	PUL-08-BP	1
Tester & Puller - Miniature Blade Fuses	PUL-01	-	1

**BLADE FUSE - ASSORTMENT KITS**

Blade fuse assortment kits provide an economical and convenient solution to ensure the most popular replacement fuses are available when you need them.



**ANR-NO.43-BP**  
 Pack Quantity: 43  
 Pack Contents: ANR Series  
 7 of (5A, 10A, 15A, 20A, 25A, 30A); PUL 08



**ANR-NO.45-BP**  
 Pack Quantity: 45  
 Pack Contents: ANR Series  
 10 of (10A, 15A, 20A, 30A); ANX Series  
 2 of 30A, 1 of (40A, 50A); PUL 08



**ANR-NO.80-BP**  
 Pack Quantity: 80  
 Pack Contents: ANR Series  
 10 of (3A, 5A, 7.5A, 10A, 15A, 20A, 25A, 30A)



**ANM-NO.43-BP**  
 Pack Quantity: 43  
 Pack Contents: ANM Series  
 7 of (5A, 10A, 15A, 20A, 25A, 30A); PUL 08



**ANM-NO.64-BP**  
 Pack Quantity: 64  
 Pack Contents: ANM Series  
 10 of (10A, 15A, 20A, 30A), 5 of (5A, 7.5A), 2 of (2A, 3A, 4A); ANX Series - 1 of (40A, 50A), PUL 08



**ANM-NO.80-BP**  
 Pack Quantity: 80  
 Pack Contents: ANM Series  
 10 of (3A, 5A, 7.5A, 10A, 15A, 20A, 25A, 30A)



**ANR-NO.180-BP**  
 Pack Quantity: 180  
 Pack Contents:  
 ANR Series - 10 of (5A, 10A, 15A, 20A, 25A, 30A)  
 ANM Series - 10 of (5A, 10A, 15A, 20A, 25A, 30A)  
 ANS Series - 10 of (5A, 10A, 15A, 20A, 25A, 30A)

**BLADE FUSE - ASSORTMENT PACKS**

**REGULAR BLADE**



**ANR-8L-BP**  
**Pack Quantity:** 8  
**Pack Contents:** ANR Series  
 2 of (5A, 7.5A) 1 of (1A, 2A, 3A, 4A)



**ANR-8P-BP**  
**Pack Quantity:** 9  
**Pack Contents:** ANR Series  
 2 of (15A, 20A), 1 of (10A, 25A, 30A, 40A); PUL-07



**ANR-6T-BP**  
**Pack Quantity:** 7  
**Pack Contents:** ANR Series  
 1 of (5A, 10A, 15A, 20A, 25A, 30A); PUL-08



**ANR-5-BP**  
**Pack Quantity:** 5  
**Pack Contents:** ANR Series  
 1 of (10A, 15A, 20A, 25A, 30A)



**LED**  
**ANR-I-5-BP**  
**Pack Quantity:** 5  
**Pack Contents:** ANR-I Series  
 1 of (10A, 15A, 20A, 25A, 30A)

**MINIATURE BLADE**



**ANM-8L-BP**  
**Pack Quantity:** 8  
**Pack Contents:** ANM Series  
 2 of (3A, 5A, 7.5A) 1 of (2A, 4A)



**ANM-8B-BP**  
**Pack Quantity:** 8  
**Pack Contents:** ANM Series  
 1 of (2A, 5A, 7.5A, 10A, 15A, 20A, 25A, 30A)



**ANM-8P-BP**  
**Pack Quantity:** 9  
**Pack Contents:** ANM Series  
 2 of (10A, 15A, 20A,) 1 of (25A, 30A); PUL-07



**ANM-8T-BP**  
**Pack Quantity:** 9  
**Pack Contents:** ANM Series  
 1 of (3A, 4A, 5A, 7.5A, 10A, 15A, 20A, 30A); PUL-08



**LED**  
**ANM-I-5-BP**  
**Pack Quantity:** 5  
**Pack Contents:** ANM-I Series  
 1 of (10A, 15A, 20A, 25A, 30A)

**LOW PROFILE MINIATURE BLADE**



**ANS-6B-BP**  
**Pack Quantity:** 6  
**Pack Contents:** ANS Series  
 1 of (7.5A, 10A, 15A, 20A, 25A, 30A)



**ANT-7P-BP**  
**Pack Quantity:** 8  
**Pack Contents:** ANT Series  
 1 of (5A, 7.5A, 10A, 15A, 20A, 25A, 30A); PUL-07



**ANK-4-BP**  
**Pack Quantity:** 4  
**Pack Contents:** ANK Series  
 1 of (5A, 7.5A, 10A, 15A)

**GLASS FUSE - ASSORTMENT PACKS**

**AUTOMOTIVE**



**FSO-6L-BP**  
**Pack Quantity:** 6  
**Pack Contents:** FSO Series  
 1 of (4A, 6A) 2 of (7.5A, 9A)



**FSO-6-BP**  
**Pack Quantity:** 6  
**Pack Contents:** FSO Series  
 2 of (14A, 20A, 30A)



**FSH-5-BP**  
**Pack Quantity:** 5  
**Pack Contents:** FSH Series  
 1 of (5A, 10A, 15A, 20A, 30A)



**FSW-8-BP**  
**Pack Quantity:** 8  
**Pack Contents:** FSW Series  
 1 of (5A, 7.5A) 2 of (15A, 20A, 30A)



**FSX-8-BP**  
**Pack Quantity:** 8  
**Pack Contents:** FSX Series  
 1 of (5A, 8A) 2 of (20A, 25A, 30A)

**ELECTRONIC**



**FSA-10L-BP**  
**Pack Quantity:** 10  
**Pack Contents:** FSA Series  
 2 of (1A, 2A, 3A, 5A) 1 of (4A, 6A)



**FSA-10-BP**  
**Pack Quantity:** 10  
**Pack Contents:** FSA Series  
 2 of (10A, 15A, 20A, 30A) 1 of (7.5A, 25A)

**EMERGENCY FUSE KIT - COMMERCIAL & FLEET VEHICLE**

OptiFuse's new Commercial & Fleet Vehicle Emergency Fuse Kit provides a convenient and economical fuse assortment to ensure complete compliance and ultimate vehicle protection while on the road. The Federal Motor Carrier Safety Regulations (FMCSR), specify minimum standards for commercial vehicle components such as lighting, electrical equipment, brakes, and windows. FMCSR, Title 49 CFR Part 393.95, Subpart H specifies all power units in commercial service must carry safety equipment such as spare fuses.

**EMERG-51-BP**

**Pack Quantity:** 51  
**Pack Contents:**  
 ANR Series - 2 of (5A, 7.5A, 10A, 15A, 20A, 25A, 30A, 40A)  
 ANM Series - 2 of (2A, 3A, 5A, 7.5A, 10A, 15A, 20A, 25A, 30A)  
 ANX Series - 2 of (20A, 25A, 30A, 40A, 50A)  
 MGGA-B Series - 1 of (100A, 150A, 200A)  
 MIDA Series - 1 of (30A, 100A, 125A, 150A, 200A)  
 PUL-07



**AUTOMOTIVE IN-LINE FUSE HOLDERS**

In-line fuse holders provide critical overcurrent protection to your vehicles electrical system. Snap-on covers include splash proof or water-resistant styles that help protect the fuse from water, dust, moisture, and other airborne pollutants. With ratings up to IP67, these make ideal options for both automotive and marine applications. OptiFuse in-line fuse holders provide voltage ratings up to 125VDC/250VAC; ideal for applications requiring high voltage blade fuses. Additional body colors, wire lengths, gauges and colors are available in bulk and retail packaging. For our complete offering – visit [www.optifuse.com](http://www.optifuse.com).



Fuse Styles	Body Styles	Body Colors	Wire Gauges	Amps.	Wire Colors
LPR Regular (ATO/ATC) Style	Without Cap	B Black	6AWG	80A	B Black
LPM Miniature	Splash-Proof or Water-Resistant Cap	R Red	8AWG	60A	R Red
LPS Low Profile Miniature	Splash-Proof or Water-Resistant Cap & Mounting Bracket	C Clear	10AWG	40A	OR Orange
LPX Large, Maxi Style	Opaque or Clear Body	W White	12AWG	30A	Y Yellow
LPT Micro2 Style	LED Indicating	-	14AWG	20A	-
LPK Micro3 Style	-	-	16AWG	15A	-
LPA Glass (1/4" x 1 1/4")	-	-	18AWG	10A	-

\*\*For LED option use "04" for body and add "-I" after the body color/ Example **LPM-04R-I-14B**

**IN-LINE FUSE HOLDERS - REGULAR, (ATO/ATC) STYLE BLADE FUSE**

Available wire gauges (18AWG, 16AWG, 14AWG, 12AWG, 10AWG) various body styles also available.



Amp.	Wire Gauge	Wire Color	Bulk Part #	Retail Pack #	Pack Size
15A	16	Red	LPR-01B-16R	LPR-01B-16R-BP	1
15A	16	Black	LPR-01Y-16B	LPR-01Y-16B-BP	1
15A	16	Black	LPR-02B-16B	LPR-02B-16B-BP	1
15A	16	Yellow	LPR-02B-16Y	LPR-02B-16Y-BP	1
20A	14	Red	LPR-02B-14R	LPR-02B-14R-BP	1
30A	12	Yellow	LPR-01B-12Y	LPR-01B-12Y-BP	1
30A	12	Orange	LPR-01B-12OR	LPR-01B-12OR-BP	1
30A	12	Orange	LPR-02B-12OR	LPR-02B-12OR-BP	1
30A	12	Yellow	LPR-02B-12Y	LPR-02B-12Y-BP	1
30A	12	Orange	LPR-05B-12OR	LPR-05B-12OR-BP	1
40A	10	Red	LPR-03R-10R	LPR-03R-10R-BP	1

\*Fuse not included

**IN-LINE FUSE HOLDERS - MINIATURE BLADE STYLE**

Available wire gauges (18AWG, 16AWG, 14AWG, 12AWG) various body styles also available.



Amp.	Wire Gauge	Wire Color	Bulk Part #	Retail Pack #	Pack Size
15A	16	Black	LPM-01B-16B	LPM-01B-16B-BP	1
20A	14	Red	LPM-01B-14R	LPM-01B-14R-BP	1
30A	12	Black	LPM-01B-12B	LPM-01B-12B-BP	1
30A	12	Red	LPM-01B-12R	LPM-01B-12R-BP	1
30A	12	Orange	LPM-01B-12OR	LPM-01B-12OR-BP	1

\*Fuse not included

**ADD-A-FUSE - BLADE STYLE FUSE**

Add-A-Fuse turns one fuse slot in a fuse block into 2 slots to protect additional accessories. No cutting or splicing necessary since they come with a pre-assembled butt splice connector that allows for quick and easy installation. Newly added 3 circuit fuse holders are now available for all blade fuse styles below. Visit our website for more information.

**Standards and Certifications**

**Material:** PVC

**Voltage Rating:** 125VDC, 250VAC (LPR, LPM, LPS, LPT, LPK)



Amperage (Combined Circuit)	Amperage (Auxiliary Circuit)	Wire Gauge	Wire Length	Wire Color	Bulk Part #	Retail Pack #	Pack Size
30A	15A	16	5"	Red	LPR-08	LPR-08-BP	1
30A	15A	16	5"	Red	LPM-08	LPM-08-BP	1
30A	15A	16	5"	Red	LPS-08	LPS-08-BP	1
30A	15A	16	5"	Red	LPT-08	LPT-08-BP	1
30A	15A	16	5"	Red	LPK-08	LPK-08-BP	1

**IN-LINE FUSE HOLDERS - LOW PROFILE, MINIATURE/MICRO2 STYLE BLADE FUSE**

Available wire gauges (18AWG, 16AWG, 14AWG, 12AWG) various body styles also available.



Amp.	Wire Gauge	Wire Color	Bulk Part #	Retail Pack #	Pack Size
30A	12	Red	LPS-01B-12R	LPS-01B-12R-BP	1
30A	12	Red	LPT-04B-12R	LPT-04B-12R-BP	1

\*Fuse not included

**IN-LINE FUSE HOLDERS - LARGE, MAXI STYLE BLADE FUSE**

Available wire gauges (8AWG, 6AWG) various body styles also available.



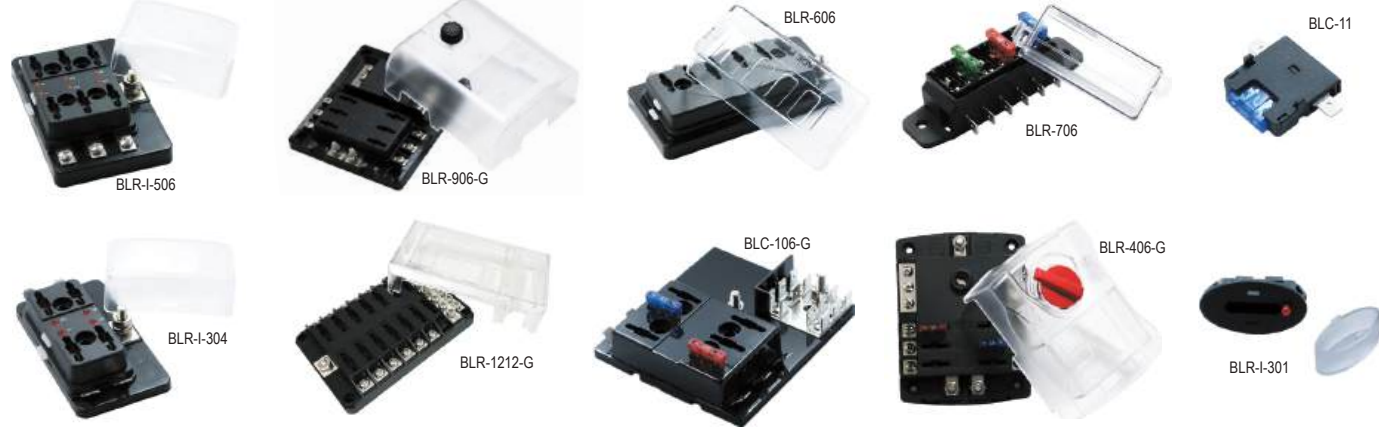
Amp.	Wire Gauge	Wire Color	Bulk Part #	Retail Pack #	Pack Size
60A	8	Red	LPX-01B-8R	LPX-01B-8R-BP	1
80A	6	Red	LPX-02B-6R	LPX-02B-6R-BP	1
80A	6	Black	LPX-02B-6B	LPX-02B-6B-BP	1

\*Fuse not included



**FUSE BLOCKS - REGULAR, (ATO/ATC) STYLE BLADE FUSE**

Fuse blocks are used to distribute power in vehicular electrical systems. Multiple circuits can be connected to a fuse block. They can be independent, with each having its own individual input and output wires or ganged with power shared across all circuits. OptiFuse carries one of the largest selections of fuse blocks in the aftermarket. Manufactured to OEM specification, the fuse blocks provide a safe and secure electrical connection. These blocks are available with ratings up to 80VDC; various base sizes; LED or Non-LED; with or without a ground bar and optional clear covers. For more options and additional information log onto [www.optifuse.com](http://www.optifuse.com)



Pole	Current Rating (per circuit)	Connection	Comment/Note	LED Bulk Part #	LED Retail Pack #	Bulk Part #	Retail Pack #
4	30A	Quick Connect	○	BLR-I-304	BLR-I-304-BP	BLR-304	-
6	30A	Quick Connect	○	BLR-I-306	BLR-I-306-BP	BLR-306	-
10	30A	Quick Connect	○	BLR-I-310	-	BLR-310	-
10	30A	Quick Connect	●○	BLR-I-310-G	-	BLR-310-G	-
4	30A	Quick Connect	○	BLR-I-604	BLR-I-604-BP	BLR-604	-
6	30A	Quick Connect	○	BLR-I-606	BLR-I-606-BP	BLR-606	-
10	30A	Quick Connect	○	BLR-I-610	-	BLR-610	-
6	25A	Quick Connect	-	-	-	BLC-106	BLC-106-BP
6	25A	Quick Connect	●	-	-	BLC-106-G	-
8	25A	Quick Connect	-	-	-	BLC-108	-
8	25A	Quick Connect	●	-	-	BLC-108-G	-
10	25A	Quick Connect	-	-	-	BLC-110	-
10	25A	Quick Connect	●	-	-	BLC-110-G	-
12	25A	Quick Connect	-	-	-	BLC-112	-
12	25A	Quick Connect	●	-	-	BLC-112-G	-
14	30A	Quick Connect	● 80VDC	-	-	BLC-114-G	-
4	30A	Screw (M4)	○	BLR-I-504	-	BLR-504	BLR-504-BP
6	30A	Screw (M4)	○	BLR-I-506	-	BLR-506	BLR-506-BP
10	30A	Screw (M4)	○	BLR-I-510	-	BLR-510	-
6	30A	Screw (M4)	●○ Split Bus Block	-	-	BLR-406-G	-
12	30A	Screw (M4)	●○ Split Bus Block	-	-	BLR-412-G	-
6	30A	Screw (M4)	●○ Split Bus Block	BLR-I-906-G	-	BLR-906-G	-
12	30A	Screw (M4)	●○ Split Bus Block	BLR-I-912-G	-	BLR-912-G	-
6	30A	Screw (M4)	● 80VDC	BLR-I-1206-G	-	BLR-1206-G	-
12	30A	Screw (M4)	● 80VDC	BLR-I-1212-G	-	BLR-1212-G	-
6	15A	Quick Connect	○ Independent Circuits	-	-	BLR-706	-
8	15A	Quick Connect	○ Independent Circuits	-	-	BLR-708	-
1	30A	Quick Connect	○ Interlocking, stackable	-	-	BLC-11	-
1	30A	Quick Connect	○ Snap in	BLR-I-301	BLR-I-301-BP	-	-

● Ground, ○ Includes Cover  
\*Replacement clear covers also available

**MODULAR FUSE BLOCKS - REGULAR (ATO/ATC) STYLE BLADE FUSE**

New modular fuse blocks are designed to offer the ability to expand on a vehicles current fuse block. Easy assembly with instruction manual included. BLR-800-G (ground block design) & BLR-I-806 (modular design) can be combined into 4 popular blocks. This modularity allows for an expanded product offering while reducing inventory requirements.



Pole	Amps. (Per Circuit)	Connection	Comment/Note	LED Bulk Part #	Bulk Part #	Retail Pack #
12	-	Screw (M4)	●○	-	BLR-800-G	-
6	30A	Screw (M4)	○ 80VDC	BLR-I-806	BLR-806	-
6	30A	Screw (M4)	●○ Combo Part	BLR-I-806-G	BLR-806-G	-
12	30A	Screw (M4)	○ Combo Part	BLR-I-812	BLR-812	-
12	30A	Screw (M4)	●○ Combo Part	BLR-I-812-G	BLR-812-G	-

● Ground, ○ Includes Cover  
\*Replacement clear covers also available

**FUSE BLOCKS - RELAY MODULE**

This module is designed to connect with other fuse blocks (BLR-1206-G or BLR-1212-G) allowing the power of the connected fuse block to easily be turned ON or OFF through a switch controlled, 4-pin relay. Additionally, the BLR-1200- RM comes equipped with locations for 2 fused circuits. These operate independently of the relay to power any always-on circuits. When paired with Switch Components' RYA2-1A-12VDC relay, the relay module can operate with inputs up to 80A.



Pole	Amps. (Per Circuit)	Connection	Comment/Note	Bulk Part #	Retail Pack #
2	30A	Screw (M4)	● 80VDC	BLR-1200-RM	-

● Ground, ○ Includes Cover

**Combined Models**

Relay Controlled Poles	Total Poles	Amps. (Per Circuit)	Amps. (Combined Circuits)	Comment/Note	LED Bulk Part #	Bulk Part #	Retail Pack #
6	8	30A	80A	●	BLR-I-1206-G-RM	BLR-1206-G-RM	-
12	14	30A	80A	●	BLR-I-1212-G-RM	BLR-1212-G-RM	-

● Ground, ○ Includes Cover  
\*80A 4-Pin automotive relay available. Ask us about RYA2-1A-12VDC

**FUSE BLOCKS - MINIATURE/LOW PROFILE, MINIATURE STYLE BLADE FUSE**

Fuse block for Miniature style blade fuses used in DC distribution systems to provide compact circuit protection. With an LED light for each circuit that illuminates when the circuit opens and the fuse needs to be replaced, reducing the time required to find and replace a faulty fuse.



Pole	Current Rating (per circuit)	Connection	Comment/Note	LED Bulk Part #	LED Retail Pack #	Bulk Part #	Retail Pack #
4	30A	Quick Connect	○	BLM-I-304	BLM-I-304-BP	BLM-304	BLM-304-BP
6	30A	Quick Connect	○	BLM-I-306	BLM-I-306-BP	BLM-306	BLM-306-BP
10	30A	Quick Connect	○	BLM-I-310	-	BLM-310	-
10	30A	Plug In   12GA Wires	○Independent Circuits	-	-	BLM-1110	-
10	30A	Quick Connect	○Low Profile Fuses	BLS-I-310	-	BLS-310	-

●Ground, ○Includes Cover  
\*Replacement clear covers also available

**FUSE BLOCKS - LARGE, MAXI STYLE BLADE FUSE**

Interlocking Pins let you connect an additional BLX-01 fuse blocks to create a 2-pole fuse block.



Pole	Current Rating (per circuit)	Connection	Comment/Note	Bulk Part #	Retail Pack #
1	60A	Screw (M5)	-	BLX-01	BLX-01-BP
1	60A	Screw (M5)	○	BLX-01-C	-

●Ground, ○Includes Cover

**E-COMMERCE**

- Application data that is current and accurate
- 360° color images
- Bulk and retail packaging available
- Competitive Interchanges
- Product information and data sheets
- IT support for data migration

\*Contact your OptiFuse representative for more information



Female cartridge fuse designed for heavy-duty loads associated with the increasing power needs of the automotive industry. Designed with industry-standard color coding for easy amperage identification and with a clear window on top for quick blown fuse identification. LED technology helps to easily identify an open circuit.

**Standards and Certifications**

Material: Nylon PA 66, Zinc Alloy  
Voltage Rating: 32VDC  
Standards: SAE, ISO 8820



**LINK FUSES - FMX/FMX-I SERIES**

Amps.	Body Color	Bulk Part #	Retail Pack #	Pack Size	LED Bulk Part #	Pack Size
20A	Blue	FMX-20A	FMX-20A-BP	1	FMX-I-20A	1
25A	White	FMX-25A	FMX-25A-BP	1	FMX-I-25A	1
30A	Pink	FMX-30A	FMX-30A-BP	1	FMX-I-30A	1
40A	Green	FMX-40A	FMX-40A-BP	1	FMX-I-40A	1
50A	Red	FMX-50A	FMX-50A-BP	1	FMX-I-50A	1
60A	Yellow	FMX-60A	FMX-60A-BP	1	FMX-I-60A	1

Female cartridge fuse designed for heavy-duty loads associated with the increasing power needs of the automotive industry. Designed with industry-standard color coding for easy amperage identification and with a clear window on top for quick blown fuse identification. LED technology helps to easily identify an open circuit.

**Standards and Certifications**

Material: Nylon PA 66, Zinc Alloy  
Voltage Rating: (FMX-LP) 58VDC; (FMX-LP-I) 32VDC  
Standards: SAE, ISO 8820



**LINK FUSES, LOW PROFILE - FMX-LP/FMX-LP-I SERIES**

Amps.	Body Color	Bulk Part #	Retail Pack #	Pack Size	LED Bulk Part #	Pack Size
20A	Blue	FMX-LP-20A	FMX-LP-20A-BP	1	FMX-LP-I-20A	1
25A	White	FMX-LP-25A	FMX-LP-25A-BP	1	FMX-LP-I-25A	1
30A	Pink	FMX-LP-30A	FMX-LP-30A-BP	1	FMX-LP-I-30A	1
40A	Green	FMX-LP-40A	FMX-LP-40A-BP	1	FMX-LP-I-40A	1
50A	Red	FMX-LP-50A	FMX-LP-50A-BP	1	FMX-LP-I-50A	1
60A	Yellow	FMX-LP-60A	FMX-LP-60A-BP	1	FMX-LP-I-60A	1

Female cartridge fuse designed for heavy-duty loads associated with the increasing power needs of the automotive industry. Miniaturized footprint is similar in height and width as MICRO style blade fuses, this fuse is designed to fit into small spaces while handling inrush currents.

**Standards and Certifications**

**Material:** Nylon PA 66, Zinc Alloy  
**Voltage Rating:** 58VDC  
**Standards:** SAE, ISO 8820  
**Mates with 2.8mm male terminals.**



**LINK FUSES, MICRO STYLE - FMX-M-SERIES**

Amps.	Body Color	Bulk Part #	Retail Pack #	Pack Size
15A	Gray	FMX-M-15A	FMX-M-15A-BP	1
20A	Blue	FMX-M-20A	FMX-M-20A-BP	1
25A	White	FMX-M-25A	FMX-M-25A-BP	1
30A	Pink	FMX-M-30A	FMX-M-30A-BP	1
40A	Green	FMX-M-40A	FMX-M-40A-BP	1

Female cartridge fuse designed for heavy-duty loads associated with the increasing power needs of the automotive industry. Miniaturized footprint, with similar height and width as MICRO style blade fuses, this fuse is designed to fit into small spaces while handling inrush currents.

**Standards and Certifications**

**Material:** Nylon PA 66, Zinc Alloy  
**Voltage Rating:** 58VDC  
**Standards:** SAE, ISO 8820  
**Mates with 6.3mm male terminals.**



**LINK FUSES - MICRO STYLE - FMX-MS-SERIES**

Amps.	Body Color	Bulk Part #	Retail Pack #	Pack Size
15A	Gray	FMX-MS-15A	FMX-MS-15A-BP	1
20A	Blue	FMX-MS-20A	FMX-MS-20A-BP	1
25A	White	FMX-MS-25A	FMX-MS-25A-BP	1
30A	Pink	FMX-MS-30A	FMX-MS-30A-BP	1
40A	Green	FMX-MS-40A	FMX-MS-40A-BP	1
50A	Red	FMX-MS-50A	FMX-MS-50A-BP	1
60A	Yellow	FMX-MS-60A	FMX-MS-60A-BP	1

**LINK FUSES - TFLB/TFLD/TFLM/TFLF/TFLS/TFLN/TFLP SERIES**

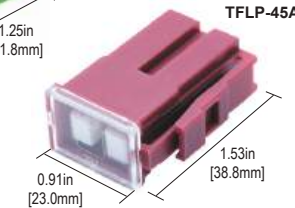
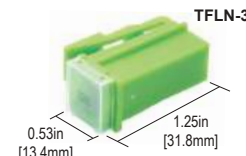
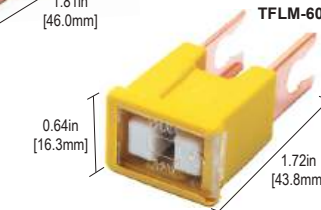
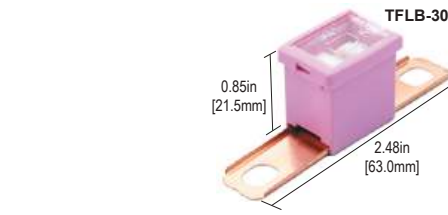
Commonly found in many Japanese and Domestic built vehicles in current ratings up to 120 amperes. Available with axial/radial male connector, female connector with or without locking mechanism. Color coded to indicate amp rating. Designed for heavy-duty loads associated with the increasing power needs of the automotive industry, this fuse is often installed in engine compartments in cars and trucks. Comes with a ceramic stabilizer that provides physical stabilization during vibration and thermal stabilization during high currents, which it achieves through heat distribution.

**Standards and Certifications**

**Material:** Nylon PA 66, Zinc Alloy  
**Voltage Rating:** 32VDC  
**Standards:** SAE, ISO 8820

TFLF Female Terminals  
 TFLS Female Terminals - Mini  
 TFLN Female Terminals & Locking Mechanism  
 TFLP Female Terminals & Locking Mechanism

TFLB 13/16" axial male terminals  
 TFLD 9/16" axial male terminals  
 TFLM Radial male terminals



Amps.	Body Color	Type	Bulk Part #	Bulk Part #	Bulk Part #	Pack Size
30A	Pink	Male	TFLB-30A	TFLD-30A	TFLM-30A	1
40A	Green	Male	TFLB-40A	TFLD-40A	TFLM-40A	1
50A	Red	Male	TFLB-50A	TFLD-50A	TFLM-50A	1
60A	Yellow	Male	TFLB-60A	TFLD-60A	TFLM-60A	1
70A	Brown	Male	TFLB-70A	TFLD-70A	TFLM-70A	1
80A	Black	Male	TFLB-80A	TFLD-80A	TFLM-80A	1
100A	Blue	Male	TFLB-100A	TFLD-100A	TFLM-100A	1
120A	Gray	Male	TFLB-120A	TFLD-120A	TFLM-120A	1

Amps.	Body Color	Type	Bulk Part #	Bulk Part #	Pack Size
20A	Lt. Blue	Female	TFLF-20A	TFLS-20A	1
30A	Pink	Female	TFLF-30A	TFLS-30A	1
40A	Green	Female	TFLF-40A	TFLS-40A	1
50A	Red	Female	TFLF-50A	TFLS-50A	1
60A	Yellow	Female	TFLF-60A	TFLS-60A	1
70A	Brown	Female	TFLF-70A	TFLS-70A	1
80A	Black	Female	TFLF-80A	TFLS-80A	1

Amps.	Body Color	Type	Bulk Part #	Pack Size
25A	Brown	Female	TFLN-25A	1
30A	Green	Female	TFLN-30A	1

Amps.	Body Color	Type	Bulk Part #	Pack Size
45A	Red	Female	TFLP-45A	1
65A	Black	Female	TFLP-65A	1
75A	Gray	Female	TFLP-75A	1

Blade Fuses

Blade Fuse Assortments & Kits

In-Line Fuse Holders

Fuse Blocks

Link Fuses

Bolt-On Fuses

Automotive Glass Fuses

Electronic Glass/Ceramic Fuses

Mid Range Circuit Breakers

High Amperage Circuit Breakers

Low Voltage Circuit Breakers

Blade Fuses

Blade Fuse Assortments & Kits

In-Line Fuse Holders

Fuse Blocks

Link Fuses

Bolt-On Fuses

Automotive Glass Fuses

Electronic Glass/Ceramic Fuses

Mid Range Circuit Breakers

High Amperage Circuit Breakers

Low Voltage Circuit Breakers

**BOLT-ON FUSES - MGGA SERIES**

Slow acting and designed to open swiftly when exposed to temporary overload currents that might occur with DC battery powered equipment, whose heavy-duty loads can lead to power surges. Manufactured to bolt onto mountings for a secure hold that withstands vibrations. 50.8mm center-to-center bolt-on. 5/16" (M8) terminals.

**Standards and Certifications**

**Material:** Nylon 66 (UL94V-0) with glass fiber, Black body  
**Terminals:** Copper, tin plated  
**Interrupting Rating:** 2,000A @ 32VDC  
**50.8mm center-to-center bolt-on**  
**5/16" (M8) terminals**



Amps.	Body Color	Bulk Part #	Retail Pack #	Pack Size
80A	Black	MGGA-80A-B	MGGA-80A-BP	1
100A	Black	MGGA-100A-B	MGGA-100A-BP	1
125A	Black	MGGA-125A-B	MGGA-125A-BP	1
150A	Black	MGGA-150A-B	MGGA-150A-BP	1
175A	Black	MGGA-175A-B	MGGA-175A-BP	1
200A	Black	MGGA-200A-B	MGGA-200A-BP	1
225A	Black	MGGA-225A-B	MGGA-225A-BP	1
250A	Black	MGGA-250A-B	MGGA-250A-BP	1
300A	Black	MGGA-300A-B	MGGA-300A-BP	1

**BOLT-ON FUSE BLOCKS - MGGA SERIES**

BLC-07B | Interlocking Pins for multi fuse block. BLC-08-2 | Interlocking Pins for multi fuse block; consolidates 2 circuits.  
 BLC-10 | Interlocking Pins for multi fuse block.



Amps.	Connection	Comment/Note	Bulk Part #	Retail Pack #
500A	5/16" (M8) ring terminals	○	BLC-07B	-
500A	5/16" (M8) ring terminals	-	BLC-08-GT	-
500A	5/16" (M8) ring terminals	○	BLC-08-GTA	BLC-08-GTA-BP
400A	5/16" (M8) ring terminals	○	BLC-08-2	-
500A	5/16" (M8) ring terminals	○	BLC-10	-

●Ground,○Includes Cover

**BOLT-ON FUSES - MIDA/MID SERIES**

Compact and cost-effective circuit protection system for high-current, low-voltage applications associated with DC battery operated equipment. Fuse is manufactured to bolt onto mountings for a secure hold that withstands vibrations. MID fuse has a blade design that allows for fuse replacement by loosening the nuts rather than having to remove them completely.

**Standards and Certifications - MIDA**

**Material:** Housing – PEI (UL94V-0), Zinc-alloy  
**Interrupting Rating:** 1,000A @ 58VDC  
**30mm center-to-center bolt-on**  
**M5 bolts (30A-150A), M6 (200A)**



**Standards and Certifications - MID**

**Interrupting Rating:** 1,000A @ 32VDC  
**30mm center-to-center bolt-on**



**BOLT-ON FUSES - MIDA/MID SERIES**

Amps.	Body Color	Bulk Part #	Retail Pack #	Bulk Part #	Pack Size
30A	Orange	MIDA-30A	MIDA-30A-BP	MID-30A	1
40A	Green	MIDA-40A	MIDA-40A-BP	MID-40A	1
50A	Red	MIDA-50A	MIDA-50A-BP	MID-50A	1
60A	Yellow	MIDA-60A	MIDA-60A-BP	MID-60A	1
70A	Brown	MIDA-70A	MIDA-70A-BP	MID-70A	1
80A	Blue	MIDA-80A	MIDA-80A-BP	MID-80A	1
100A	Clear	MIDA-100A	MIDA-100A-BP	MID-100A	1
125A	Pink	MIDA-125A	MIDA-125A-BP	MID-125A	1
150A	Gray	MIDA-150A	MIDA-150A-BP	MID-150A	1
200A	Violet	MIDA-200A	MIDA-200A-BP	MID-200A	1

**BOLT-ON FUSE BLOCKS - MIDA/MID SERIES**

BLC-06B | Interlocking Pins for multi fuse block. BLC-05-GTA | Space-saving compact size.



Amps.	Connection	Comment/Note	Bulk Part #	Retail Pack #
100A	M5 Ring Terminals	○	BLC-06B	-
300A	M5 Ring Terminals	○	BLC-05-GTA	BLC-05-GTA-BP
200A	M5 Ring Terminals	○	BLC-65	BLC-65-BP

●Ground,○Includes Cover

**BOLT-ON LIMITER FUSES - ANE/ANF SERIES**

Commonly used in forklift trucks, scissor lifts, pallet movers, hand trucks, motorized work platforms, and other systems that involve lift/lower mechanisms to carry palletized products. Fuse opens swiftly when exposed to temporary overload currents that might occur with DC battery powered equipment, whose heavy-duty loads can lead to power surges. 61.8mm center-to-center bolt-on 5/16" (M8) terminals.

**Standards and Certifications - ANE-M, ANE**

**Material:** Fiberglass  
**Terminals:** Copper Alloy/Silver Plated

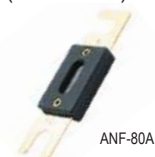
**Material:** FR4  
**Terminals:** Gold-plated Brass/Copper Alloy

**Standards and Certifications - ANF**

**Material:** Bakelite  
**Terminals:** Gold-plated Brass (40A-80A) /Copper Alloy (100A-400A)



Interrupt rating satisfies ABYC requirements for DC Main circuit protection on large battery banks.



Amps.	Bulk Part #	Bulk Part #	Bulk Part #	Pack Size
40A	ANE-M-40A	ANE-40A	-	1
50A	ANE-M-50A	ANE-50A	ANF-50A	1
60A	ANE-M-60A	ANE-60A	ANF-60A	1
70A	-	ANE-70A	-	1
80A	ANE-M-80A	ANE-80A	ANF-80A	1
100A	ANE-M-100A	ANE-100A	ANF-100A	1
120A	-	ANE-120A	-	1
125A	ANE-M-125A	ANE-125A	ANF-125A	1
130A	-	ANE-130A	ANF-130A	1
150A	ANE-M-150A	ANE-150A	ANF-150A	1
175A	ANE-M-175A	ANE-175A	ANF-175A	1
200A	ANE-M-200A	ANE-200A	ANF-200A	1
225A	ANE-M-225A	ANE-225A	ANF-225A	1
250A	ANE-M-250A	ANE-250A	ANF-250A	1
275A	ANE-M-275A	ANE-275A	ANF-275A	1
300A	ANE-M-300A	ANE-300A	ANF-300A	1
325A	ANE-M-325A	ANE-325A	ANF-325A	1
350A	ANE-M-350A	ANE-350A	ANF-350A	1
400A	ANE-M-400A	ANE-400A	ANF-400A	1
450A	ANE-M-450A	-	-	1
500A	ANE-M-500A	-	ANF-500A	1
600A	ANE-M-600A	-	ANF-600A	1

**LIMITER FUSE BLOCKS - ANE/ANE-M/ANF SERIES**

High-amp fuse blocks are ideal for the heavy-duty loads associated with DC battery operated equipment. Its insulating cover protects against accidental short circuits and prevents anything from accidentally touching the exposed terminal studs.



Amps.	Connection	Comment/Note ● ○	Bulk Part #	Retail Pack #
200A	5/16" (M8) ring terminals	○	BLC-09	-
500A	5/16" (M8) ring terminals	-	BLC-09-GT	-
500A	5/16" (M8) ring terminals	○	BLC-09-GTA	BLC-09-GTA-BP
800A	5/16" (M8) ring terminals	-	BLC-209	-

● Ground, ○ Includes Cover

**BOLT-ON FUSES - BATTERY PROTECTION FUSE**

With an SAE J1171 ignition protected rating coupled with a high interrupting rating that meets ABYC standards, this fuse is often used as the primary source of power protection for battery banks in both the marine and automotive industries. It is designed with a clear window that allows for easy identification to check if the fuse has opened. Each fuse is color coded to allow for easy amperage identification. Interrupt rating satisfies ABYC requirements for DC Main circuit protection on large battery banks.



\*\*This fuse requires the use of Battery Protection Fuse Holders.

Amps.	Color	Voltage Rating	Bulk Part #	Pack Size
30A	Cyan	58VDC	MBP-30A	1
40A	Blue	58VDC	MBP-40A	1
50A	Red	58VDC	MBP-50A	1
60A	Gold	58VDC	MBP-60A	1
75A	Maroon	58VDC	MBP-75A	1
80A	Green	58VDC	MBP-80A	1
90A	Violet	58VDC	MBP-90A	1
100A	Yellow	58VDC	MBP-100A	1
125A	Sky Blue	58VDC	MBP-125A	1
150A	Orange	58VDC	MBP-150A	1
175A	White	58VDC	MBP-175A	1
200A	Navy Blue	58VDC	MBP-200A	1
250A	Pink	58VDC	MBP-250A	1
300A	Gray	58VDC	MBP-300A	1

Current Rating	Voltage Rating	Description	Terminal Size	Bulk Part #	Pack Size
300A	58VDC	Single Bar Fuse Holder	M8	MBPH-M8-C	1
300A	58VDC	Single Bar Fuse Holder	1/4"	MBPH-1/4-C	1
300A	58VDC	Dual Bar Fuse Holder	M8	MBPH-M8-2-C	1
300A	58VDC	Dual Bar Fuse Holder	1/4"	MBPH-1/4-2-C	1

Mounting bar with M8 or 1/4" stud and nut for Battery Protection fuses. Ignition protected when used with MBP Fuses

**INDUSTRIAL FUSES - CLASS T, F3T SERIES**

OptiFuse's new UL listed Class T fuses provide fast acting and current limiting protection. Class T fuses are designed for to protect large battery banks as well as inverters in Marine, RV, and Camper Van applications. Equipped with a 160VDC voltage rating and 50kA DC interrupting rating, these fuses offer a high interrupting rating that is suitable for protection of Lithium-ion and TPPL batteries. These fuses are available with bolt-on mounting options with amperages ranging from 70A to 400A.

**Standards and Certifications**

**Voltage Rating:** 300VAC 160VDC  
**Interrupting Rating:** 200kA 300VAC | 50kA 160VDC  
**Current Limiting**  
**Fast Acting**



F3T 225A-400A F3T 110A-200A F3T 70A-100A

**AUTOMOTIVE GLASS FUSES - FSO, FSH, FSW, FSX, FSG SERIES**



FSO-20A-BX



FSO-20A-BP

Amps.	Size	Bulk Part #	Box Part #	Pack Size	Retail Pack #	Pack Size
4A	1/4" x 5/8"	FSO-4A	FSO-4A-BX	5	FSO-4A-BP	5
6A	1/4" x 3/4"	FSO-6A	FSO-6A-BX	5	FSO-6A-BP	5
7.5A	1/4" x 7/8"	FSO-7.5A	FSO-7.5A-BX	5	FSO-7.5A-BP	5
9A	1/4" x 7/8"	FSO-9A	FSO-9A-BX	5	FSO-9A-BP	5
14A	1/4" x 1 1/16"	FSO-14A	FSO-14A-BX	5	FSO-14A-BP	5
20A	1/4" x 1 1/4"	FSO-20A	FSO-20A-BX	5	FSO-20A-BP	5
30A	1/4" x 1 7/16"	FSO-30A	FSO-30A-BX	5	FSO-30A-BP	5



Series	Size	Bulk Part #	Box Part #	Pack Size	Retail Pack #	Pack Size
FSH	1/4" x 5/8" (1AG)	FSH-XA	FSH-XA-BX	5	FSH-XA-BP	5
FSW	1/4" x 7/8" (7AG)	FSW-XA	FSW-XA-BX	5	FSW-XA-BP	5
FSX	1/4" x 1" (8AG)	FSX-XA	FSX-XA-BX	5	FSX-XA-BP	5
FSG	13-32" x 1 1/2" (5AG)	FSG-XA	FSG-XA-BX	5	FSG-XA-BP	5

\*For our full listing of products available, visit [www.optifuse.com](http://www.optifuse.com)  
 \*Insert desired amperage "X" to complete part number for ordering

**FAST ACTING TORPEDO STYLE - APG SERIES**

Used in European vehicles. The heat resistant color-coded body is designed with industry standard color coding for easy amperage identification. This fuse has two conical end caps that are pointed out, making this a "Torpedo" style fuse. Fast acting; 1/4" x 31/32".



Amps.	Color	Size	Bulk Part #	Pack Size
5A	Yellow	1/4" x 31/32"	APG-5A	1
8A	White	1/4" x 31/32"	APG-8A	1
16A	Red	1/4" x 31/32"	APG-16A	1
25A	Blue	1/4" x 31/32"	APG-25A	1
30A	Green	1/4" x 31/32"	APG-30A	1

**ELECTRONIC GLASS AND CERAMIC FUSES**

FAST ACTING		SIZE	TIME LAG	
GLASS	CERAMIC		GLASS	CERAMIC
FSF	FCF	3.6mm x 10mm	TSF	TCF
FSE	-	5mm x 15mm	-	TSE
FSD	FCD	5mm x 20mm (IEC)	TSD	TCD
FSC	FCC	5mm x 20mm (UL)	TSC, MSC **	TCC
FSA	FCA, SCA*	6.3mm x 32mm	TSA	TCA

\*VERY FAST ACTING

\*\*MEDIUM TIME LAG



**Ordering information**

F	S	F	P	1A
RESPONSE TIME	HOUSING	FUSE SIZE	LEADS	CURRENT RATING
S: Very Fast Acting F: Fast Acting M: Medium Time Lag T: Time Lag	S: Glass C: Ceramic	F: 3.6 x 10 mm E: 5 x 15 mm D: 5 x 20 mm (IEC) C: 5 x 20 mm (UL) A: 6.3 x 32 mm	Blank: Cartridge P: Axial Leads	10mA to 30A



FSA-2A-BX  
Box of 5

FSD-10A-BP  
Retail Pack of 5

**ELECTRONIC GLASS AND CERAMIC FUSE BLOCKS**

BLC-16-B & BLC-20C for (6.3mm x 32mm) fuses. BLC-20A for (5mm x 20mm) fuses. Can be snapped together for multi-position.



Amps.	Connection	Bulk Part #	Retail Pack #	Pack Size
25A	For 6.3mm x 32mm Fuses	BLC-16-B	BLC-16-B-BP	1
8A	For 6.3mm x 32mm Fuses	BLC-20A	BLC-20C-BP	1
10A	For 5 mm x 20 mm Fuses	BLC-20C	BLC-20A-BP	1

**IN-LINE FUSE HOLDERS - GLASS AND CERAMIC STYLE**

Available wire gauges (18AWG, 16AWG, 14AWG, 12AWG) various body styles also available.



Amp.	Wire Gauge	Wire Color	Bulk Part #	Retail Pack #	Pack Size
20A	14	Red	LPA-09B-14RU	LPA-09B-14RU-BP	1
30A	12	Red	LPA-24B-12R	LPA-24B-12R-BP	1
30A	12	Red	LPA-05W-12R	LPA-05W-12R-BP	1

\*\*Various wire gauges, colors, body styles and customer lengths are also available. Contact your OptiFuse sales representative

# AUTOMOTIVE CIRCUIT BREAKERS

## (High Amp & Mid Range, Low Voltage Blade & Stud, Line Voltage)

OptiFuse offers a comprehensive range of automotive, marine grade and line voltage circuit breakers to protect your vehicles electrical systems.



### Type I – Automatic Reset

Type I circuit breakers automatically reset after opening. If the fault or overcurrent condition still exists, the breaker will continue to cycle between ON and OFF positions until the overcurrent problem is corrected.

### Type II - Modified Reset

Type II circuit breakers will remain "tripped" by an internal resistor (in the OFF position) if the circuit is powered. Type II breakers can be reset by turning the circuit OFF, or by turning the ignition switch to the OFF position.

### Type III – Manual Reset

Type III - manual reset circuit breakers will remain tripped (in the OFF position) until an indicator button or lever is manually reset. Some Type III breakers are available with a switch feature that allows the use of an external button to de-energize the circuit.



High Amperage



Mid Range



Low Voltage  
(Shortstop Style)



Low Voltage  
(Blade Style)



Line Voltage

Visit [www.optifuse.com](http://www.optifuse.com) for our complete product offering.

### MID RANGE CIRCUIT BREAKERS - 641, 642, AND 643 SERIES

Mid-range amperage (up to 60A) to protect accessory applications in RVs, marine craft, emergency vehicles and trucks. Interrupt rating satisfies ABYC requirements for DC Branch circuit protection on large battery banks. Waterproof and ignition rated for use in marine engine compartments, meeting thorough SAE J1171 and ABYC standards. Conforms to SAE J553 standard for circuit breaker performance.

#### Standards and Certifications

**Material:** Thermoplastic (UL94V-0)  
**Voltage Rating:** 32VDC  
**Standards:** SAE J553, SAE J1171, IEC 60934  
**Interrupting Rating:** 2,500A @ 32VDC  
**Terminals Configuration:** #10-32 Stud



Amps.	Voltage Rating	Mounting	Studs	Type I Bulk Part #	Type II Bulk Part #	Type III Bulk Part #	Pack Size
10A	32VDC	Panel Mount	#10-32	641010	642010	643010	1
15A	32VDC	Panel Mount	#10-32	641015	642015	643015	1
20A	32VDC	Panel Mount	#10-32	641020	642020	643020	1
25A	32VDC	Panel Mount	#10-32	641025	642025	643025	1
30A	32VDC	Panel Mount	#10-32	641030	642030	643030	1
35A	32VDC	Panel Mount	#10-32	641035	642035	643035	1
40A	32VDC	Panel Mount	#10-32	641040	642040	643040	1
50A	32VDC	Panel Mount	#10-32	641050	642050	643050	1
60A	32VDC	Panel Mount	#10-32	641060	642060	643060	1

### HEAVY DUTY CIRCUIT BREAKERS | TYPE III | STAINLESS STEEL - 153-SS SERIES

Interrupt rating satisfies ABYC requirements for DC Main circuit protection on medium battery banks.

#### Standards and Certifications

**Material:** Thermoplastic (UL94V-0)  
**Voltage Rating:** 48VDC  
**Standards:** SAE J553, SAE J1171, IP67  
**Interrupting Rating:** 3000A @ 32VDC  
**Terminals Configuration:** 1/4"-28 Stud



#### Stainless Steel Hardware

Amps.	Voltage Rating	Mounting	Studs	Bulk Part #	Retail Pack #	Pack Size
30A	48VDC	Surface Mount	1/4"	153030-SS	153030-SS-BP	1
40A	48VDC	Surface Mount	1/4"	153040-SS	153040-SS-BP	1
50A	48VDC	Surface Mount	1/4"	153050-SS	153050-SS-BP	1
60A	48VDC	Surface Mount	1/4"	153060-SS	153060-SS-BP	1
70A	48VDC	Surface Mount	1/4"	153070-SS	153070-SS-BP	1
80A	48VDC	Surface Mount	1/4"	153080-SS	153080-SS-BP	1
90A	48VDC	Surface Mount	1/4"	153090-SS	153090-SS-BP	1
100A	48VDC	Surface Mount	1/4"	153100-SS	153100-SS-BP	1
110A	48VDC	Surface Mount	1/4"	153110-SS	153110-SS-BP	1
120A	48VDC	Surface Mount	1/4"	153120-SS	153120-SS-BP	1
130A	48VDC	Surface Mount	1/4"	153130-SS	153130-SS-BP	1
140A	48VDC	Surface Mount	1/4"	153140-SS	153140-SS-BP	1
150A	48VDC	Surface Mount	1/4"	153150-SS	153150-SS-BP	1

Blade Fuses  
 Blade Fuse Assortments & Kits  
 In-Line Fuse Holders  
 Fuse Blocks  
 Link Fuses  
 Bolt-On Fuses  
 Automotive Glass Fuses  
 Electronic Glass/Ceramic Fuses  
 Mid Range Circuit Breakers  
 High Amperage Circuit Breakers  
 Low Voltage Circuit Breakers

Heavy duty and high amperage to defend accessories and auxiliary high amp draw applications in RVs, marine craft, emergency vehicles and heavy-duty trucks. Commonly installed alongside a vehicle's battery as the primary source of power protection. High amps are waterproof, and ignition protected for use in marine engine compartments and meets SAE J1171 & J1625 standards. Interrupt rating satisfies ABYC requirements for DC Main circuit protection on medium battery banks.

**Standards and Certifications**

**Material:** Thermoplastic (UL94V-0)  
**Voltage Rating:** 42VDC  
**Standards:** SAE J1625, SAE J1171, IEC 60934  
**Interrupting Rating:** 3,000A @ 30VDC  
**Terminals Configuration:** 1/4"-28 Stud



153150-BP

**HEAVY DUTY CIRCUIT BREAKERS | TYPE I - 151 SERIES**

Amps.	Voltage Rating	Mounting	Studs	Bulk Part #	Retail Pack #	Pack Size
50A	42VDC	Surface Mount	1/4"	151050	-	1
60A	42VDC	Surface Mount	1/4"	151060	-	1
70A	42VDC	Surface Mount	1/4"	151070	151070-BP	1
80A	42VDC	Surface Mount	1/4"	151080	151080-BP	1
90A	42VDC	Surface Mount	1/4"	151090	151090-BP	1
100A	42VDC	Surface Mount	1/4"	151100	151100-BP	1
120A	42VDC	Surface Mount	1/4"	151120	151120-BP	1
135A	42VDC	Surface Mount	1/4"	151135	151135-BP	1
150A	42VDC	Surface Mount	1/4"	151150	151150-BP	1

**HEAVY DUTY CIRCUIT BREAKERS | TYPE III - 153 SERIES**

Amps.	Voltage Rating	Mounting	Studs	Bulk Part #	Retail Pack #	Pack Size
30A	42VDC	Surface Mount	1/4"	153030	153030-BP	1
40A	42VDC	Surface Mount	1/4"	153040	153040-BP	1
50A	42VDC	Surface Mount	1/4"	153050	153050-BP	1
60A	42VDC	Surface Mount	1/4"	153060	153060-BP	1
70A	42VDC	Surface Mount	1/4"	153070	153070-BP	1
80A	42VDC	Surface Mount	1/4"	153080	153080-BP	1
90A	42VDC	Surface Mount	1/4"	153090	153090-BP	1
100A	42VDC	Surface Mount	1/4"	153100	153100-BP	1
120A	42VDC	Surface Mount	1/4"	153120	153120-BP	1
135A	42VDC	Surface Mount	1/4"	153135	153135-BP	1
150A	42VDC	Surface Mount	1/4"	153150	153150-BP	1
180A	42VDC	Surface Mount	1/4"	153180	153180-BP	1
200A	42VDC	Surface Mount	1/4"	153200	153200-BP	1
-	-	-	-	-	-	-
-	-	-	-	-	-	-

Panel mount (141 & 143 series) and parallel stud options (451 & 453 series) also available.  
 \*Not all amperages are shown below. Visit [www.optifuse.com](http://www.optifuse.com) for our complete offering.  
 Interrupt rating satisfies ABYC requirements for DC Main circuit protection on medium battery banks.

**Standards and Certifications**

**Material:** Thermoplastic (UL94V-0)  
**Voltage Rating:** 48VDC  
**Standards:** SAE J1625, SAE J1171  
**Interrupting Rating:** 3,000A @ 30VDC (25A-150A), 1,500A @ 30VDC (175A-200A)  
**Terminals Configuration:** 1/4"-28 Stud; 3/8"-16 Stud



353300-BP

Elongated Body For Heavy-Duty Lugs.

**HEAVY DUTY CIRCUIT BREAKERS | TYPE I - 251/351 SERIES**

Amps.	Voltage Rating	Mounting	Studs	Bulk Part #	Retail Pack #	Studs	Bulk Part #	Retail Pack #	Pack Size
50A	48VDC	Surface Mount	1/4"	251050	-	3/8"	351050	-	1
60A	48VDC	Surface Mount	1/4"	251060	-	3/8"	351060	-	1
70A	48VDC	Surface Mount	1/4"	251070	-	3/8"	351070	351070-BP	1
80A	48VDC	Surface Mount	1/4"	251080	-	3/8"	351080	351080-BP	1
90A	48VDC	Surface Mount	1/4"	251090	-	3/8"	351090	351090-BP	1
100A	48VDC	Surface Mount	1/4"	251100	-	3/8"	351100	351100-BP	1
120A	48VDC	Surface Mount	1/4"	251120	-	3/8"	351120	351120-BP	1
135A	48VDC	Surface Mount	1/4"	251135	-	3/8"	351135	351135-BP	1
150A	48VDC	Surface Mount	1/4"	251150	-	3/8"	351150	351150-BP	1

**HEAVY DUTY CIRCUIT BREAKERS | TYPE III - 253/353 SERIES**

Amps.	Voltage Rating	Mounting	Studs	Bulk Part #	Retail Pack #	Studs	Bulk Part #	Retail Pack #	Pack Size
30A	48VDC	Surface Mount	1/4"	253030	-	3/8"	353030	-	1
40A	48VDC	Surface Mount	1/4"	253040	-	3/8"	353040	-	1
50A	48VDC	Surface Mount	1/4"	253050	-	3/8"	353050	353050-BP	1
60A	48VDC	Surface Mount	1/4"	253060	-	3/8"	353060	353060-BP	1
70A	48VDC	Surface Mount	1/4"	253070	-	3/8"	353070	353070-BP	1
80A	48VDC	Surface Mount	1/4"	253080	253080-BP	3/8"	353080	353080-BP	1
90A	48VDC	Surface Mount	1/4"	253090	-	3/8"	353090	353090-BP	1
100A	48VDC	Surface Mount	1/4"	253100	253100-BP	3/8"	353100	353100-BP	1
120A	48VDC	Surface Mount	1/4"	253120	-	3/8"	353120	353120-BP	1
135A	48VDC	Surface Mount	1/4"	253135	-	3/8"	353135	353135-BP	1
150A	48VDC	Surface Mount	1/4"	253150	253150-BP	3/8"	353150	353150-BP	1
180A	48VDC	Surface Mount	1/4"	253180	-	3/8"	353180	353180-BP	1
200A	48VDC	Surface Mount	1/4"	253200	-	3/8"	353200	353200-BP	1
250A	48VDC	Surface Mount	1/4"	253250	-	3/8"	353250	353250-BP	1
300A	48VDC	Surface Mount	-	-	-	3/8"	353300	353300-BP	1



**LOW VOLTAGE CIRCUIT BREAKERS - SHORTSTOP STYLE**

Industry first, color coded circuit breakers allow the installer a quick and easy way to accurately identify the circuit breaker's amperage. Time-saving and cost-effective solution to protect auxiliary circuits on RVs, marine craft, emergency vehicles, and heavy-duty trucks. Conforms to the SAE J553 standard for circuit breaker performance and is designed with a plastic housing that is IP63 rated for dirt, dust, and splash resistance, with optional waterproofing via an add-on sealing cover. Breakers have #10-32 studs. Gray plastic circuit breakers also available.

**Standards and Certifications**

**Material:** Thermoplastic (UL94V-0)  
**Voltage Rating:** 12VDC, 24VDC, 32VDC  
**Standards:** SAE J553, SAE J1171  
**Interrupting Rating:** 1,000A @ 32VDC



MRCBP-N-20C-BP

**NO BRACKET - ACBP-N/MRCBP-N SERIES**

Amps.	Body Color	Bulk Part # TYPE I	Retail Part # TYPE I	Bulk Part # TYPE III	Retail Part # TYPE III	Pack Size
10A	Gray	ACBP-N-10A	ACBP-N-10A-BP	MRCBP-N-10C	MRCBP-N-10C-BP	1
15A	Blue	ACBP-N-15C	ACBP-N-15C-BP	MRCBP-N-15C	MRCBP-N-15C-BP	1
20A	Yellow	ACBP-N-20C	ACBP-N-20C-BP	MRCBP-N-20C	MRCBP-N-20C-BP	1
25A	White	ACBP-N-25C	ACBP-N-25C-BP	MRCBP-N-25C	MRCBP-N-25C-BP	1
30A	Green	ACBP-N-30C	ACBP-N-30C-BP	MRCBP-N-30C	MRCBP-N-30C-BP	1
40A	Orange	ACBP-N-40C	ACBP-N-40C-BP	MRCBP-N-40C	MRCBP-N-40C-BP	1
50A	Red	ACBP-N-50C	ACBP-N-50C-BP	MRCBP-N-50C	MRCBP-N-50C-BP	1

**HORIZONTAL BRACKET - ACBP-H/MRCBP-H SERIES**

Amps.	Body Color	Bulk Part # TYPE I	Retail Part # TYPE I	Bulk Part # TYPE III	Retail Part # TYPE III	Pack Size
10A	Gray	ACBP-H-10A	ACBP-H-10A-BP	MRCBP-H-10C	MRCBP-H-10C-BP	1
15A	Blue	ACBP-H-15C	ACBP-H-15C-BP	MRCBP-H-15C	MRCBP-H-15C-BP	1
20A	Yellow	ACBP-H-20C	ACBP-H-20C-BP	MRCBP-H-20C	MRCBP-H-20C-BP	1
25A	White	ACBP-H-25C	ACBP-H-25C-BP	MRCBP-H-25C	MRCBP-H-25C-BP	1
30A	Green	ACBP-H-30C	ACBP-H-30C-BP	MRCBP-H-30C	MRCBP-H-30C-BP	1
40A	Orange	ACBP-H-40C	ACBP-H-40C-BP	MRCBP-H-40C	MRCBP-H-40C-BP	1
50A	Red	ACBP-H-50C	ACBP-H-50C-BP	MRCBP-H-50C	MRCBP-H-50C-BP	1

**VERTICAL BRACKET - ACBP-V/MRCBP-V SERIES**

Amps.	Body Color	Bulk Part # TYPE I	Retail Part # TYPE I	Bulk Part # TYPE III	Retail Part # TYPE III	Pack Size
10A	Gray	ACBP-V-10A	ACBP-V-10A-BP	MRCBP-V-10C	MRCBP-V-10C-BP	1
15A	Blue	ACBP-V-15C	ACBP-V-15C-BP	MRCBP-V-15C	MRCBP-V-15C-BP	1
20A	Yellow	ACBP-V-20C	ACBP-V-20C-BP	MRCBP-V-20C	MRCBP-V-20C-BP	1
25A	White	ACBP-V-25C	ACBP-V-25C-BP	MRCBP-V-25C	MRCBP-V-25C-BP	1
30A	Green	ACBP-V-30C	ACBP-V-30C-BP	MRCBP-V-30C	MRCBP-V-30C-BP	1
40A	Orange	ACBP-V-40C	ACBP-V-40C-BP	MRCBP-V-40C	MRCBP-V-40C-BP	1
50A	Red	ACBP-V-50C	ACBP-V-50C-BP	MRCBP-V-50C	MRCBP-V-50C-BP	1

**LOW VOLTAGE CIRCUIT BREAKERS - SHORTSTOP STYLE**

Time-saving and cost-effective solution to protect auxiliary circuits in RVs, marine craft, emergency vehicles and heavy-duty trucks up to 24VDC. Built with a durable steel body and no brackets, allowing them to be easily mounted together with our mounting rails and brackets when multiple breakers are required. Conforms to SAE J553 standard for circuit breaker performance and can be protected with a sealing cover, which offers defense against short circuits, dirt, dust, and splashes of water. Breakers have #10-32 studs.

**Standards and Certifications**

**Material:** Plated Steel  
**Voltage Rating:** 12VDC, 24VDC  
**Standards:** SAE J553, SAE J1171 (Type I only)  
**Interrupting Rating:** 1,000A @ 32VDC



**NO BRACKET - ACB-N/MOCB-N/MRCB-N SERIES**

Amps.	Bulk Part # TYPE I	Bulk Part # TYPE II	Bulk Part # TYPE III	Pack Size
10A	ACB-N-10A	MOCB-N-10A	MRCB-N-10A	1
15A	ACB-N-15A	MOCB-N-15A	MRCB-N-15A	1
20A	ACB-N-20A	MOCB-N-20A	MRCB-N-20A	1
25A	ACB-N-25A	MOCB-N-25A	MRCB-N-25A	1
30A	ACB-N-30A	MOCB-N-30A	MRCB-N-30A	1
40A	ACB-N-40A	MOCB-N-40A	MRCB-N-40A	1
50A	ACB-N-50A	MOCB-N-50A	MRCB-N-50A	1

**HORIZONTAL BRACKET - ACB-H/MOCB-H/MRCB-H SERIES**

Amps.	Bulk Part # TYPE I	Bulk Part # TYPE II	Bulk Part # TYPE III	Pack Size
10A	ACB-H-10A	MOCB-H-10A	MRCB-H-10A	1
15A	ACB-H-15A	MOCB-H-15A	MRCB-H-15A	1
20A	ACB-H-20A	MOCB-H-20A	MRCB-H-20A	1
25A	ACB-H-25A	MOCB-H-25A	MRCB-H-25A	1
30A	ACB-H-30A	MOCB-H-30A	MRCB-H-30A	1
40A	ACB-H-40A	MOCB-H-40A	MRCB-H-40A	1
50A	ACB-H-50A	MOCB-H-50A	MRCB-H-50A	1

**VERTICAL BRACKET - ACB-V/MOCB-V/MRCB-V SERIES**

Amps.	Bulk Part # TYPE I	Bulk Part # TYPE II	Bulk Part # TYPE III	Pack Size
10A	ACB-V-10A	MOCB-V-10A	MRCB-V-10A	1
15A	ACB-V-15A	MOCB-V-15A	MRCB-V-15A	1
20A	ACB-V-20A	MOCB-V-20A	MRCB-V-20A	1
25A	ACB-V-25A	MOCB-V-25A	MRCB-V-25A	1
30A	ACB-V-30A	MOCB-V-30A	MRCB-V-30A	1
40A	ACB-V-40A	MOCB-V-40A	MRCB-V-40A	1
50A	ACB-V-50A	MOCB-V-50A	MRCB-V-50A	1

**CIRCUIT BREAKER MOUNTING BRACKET**

When multiple automotive circuit breakers are required, OptiFuse provides a simple solution by providing a multiple-position bracket on which to mount them together. Built of lightweight nylon for superior flame, heat, and corrosion resistance. Accommodates 4, 6 or 8 shortstop style breakers. Mounting Holes: 0.29" (7.37mm) x 0.45" (11.43mm) long. Metal busbars also available.



Circuit Breakers	Mounting Hole Spacing	Overall Length	Bulk Part #	Pack Size
4	4.90" (126.46mm)	5.69" (144.53mm)	CBB-4P	1
6	6.72" (170.69mm)	7.51" (190.75mm)	CBB-6P	1
8	8.55" (217.17mm)	9.34" (237.24mm)	CBB-8P	1

\*Circuit breaker not included

**CIRCUIT BREAKER COVER**

This cover offers protection against short circuits, as well as from dirt, dust, and splashes of water. Available in both red and black, and compatible with metal and thermoplastic 10-32 Stud (Shortstop style) circuit breakers. PVC (UL94V-1)



Circuit Breakers	Color	Bulk Part #	Pack Size
1	Red	SSC	1
1	Black	SSC-B	1

\*Circuit breaker not included

Recommended for most commercial applications where downtime can be costly and the ability to reset is needed. Designed with a thermoplastic body that is color-coded to match the corresponding fuse. Used primarily as a wiring harness protector in automotive systems. Conforms to the SAE J553 standard for circuit breaker performance.

**Standards and Certifications**

**Material:** Thermoplastic (UL94V-0)  
**Voltage Rating:** 14VDC (Type I & II); 28VDC (Type III)  
**Standards:** SAE J553



ACBP4-PL-7.5A-BP

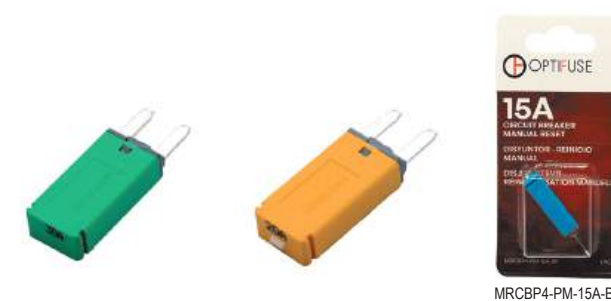
**REGULAR, (ATO/ATC) STYLE BLADE - ACBP4-PL/MRCBP4-PL SERIES**

Amps.	Body Color	Bulk Part # TYPE I	Retail Part # TYPE I	Bulk Part # TYPE III	Retail Part # TYPE III	Pack Size
5A	Lt. Brown	ACBP4-PL-5A	ACBP4-PL-5A-BP	MRCBP4-PL-5A	MRCBP4-PL-5A-BP	1
7.5A	Brown	ACBP4-PL-7.5A	ACBP4-PL-7.5A-BP	MRCBP4-PL-7.5A	MRCBP4-PL-7.5A-BP	1
10A	Red	ACBP4-PL-10A	ACBP4-PL-10A-BP	MRCBP4-PL-10A	MRCBP4-PL-10A-BP	1
15A	Blue	ACBP4-PL-15A	ACBP4-PL-15A-BP	MRCBP4-PL-15A	MRCBP4-PL-15A-BP	1
20A	Yellow	ACBP4-PL-20A	ACBP4-PL-20A-BP	MRCBP4-PL-20A	MRCBP4-PL-20A-BP	1
25A	White	ACBP4-PL-25A	ACBP4-PL-25A-BP	MRCBP4-PL-25A	MRCBP4-PL-25A-BP	1
30A	Green	ACBP4-PL-30A	ACBP4-PL-30A-BP	MRCBP4-PL-30A	MRCBP4-PL-30A-BP	1

\*MOCBP4-PL-XA (Type II - Modified Reset Breakers) also available

**Standards and Certifications**

**Material:** Thermoplastic (UL94V-0)  
**Voltage Rating:** 14VDC (Type I & II); 28VDC (Type III)  
**Standards:** SAE J553



MRCBP4-PM-15A-BP

**MINIATURE BLADE - ACBP4-PM/MRCBP4-PM SERIES**

Amps.	Body Color	Bulk Part # TYPE I	Retail Part # TYPE I	Bulk Part # TYPE III	Retail Part # TYPE III	Pack Size
5A	Lt. Brown	ACBP4-PM-5A	ACBP4-PM-5A-BP	MRCBP4-PM-5A	MRCBP4-PM-5A-BP	1
7.5A	Brown	ACBP4-PM-7.5A	ACBP4-PM-7.5A-BP	MRCBP4-PM-7.5A	MRCBP4-PM-7.5A-BP	1
10A	Red	ACBP4-PM-10A	ACBP4-PM-10A-BP	MRCBP4-PM-10A	MRCBP4-PM-10A-BP	1
15A	Blue	ACBP4-PM-15A	ACBP4-PM-15A-BP	MRCBP4-PM-15A	MRCBP4-PM-15A-BP	1
20A	Yellow	ACBP4-PM-20A	ACBP4-PM-20A-BP	MRCBP4-PM-20A	MRCBP4-PM-20A-BP	1
25A	White	ACBP4-PM-25A	ACBP4-PM-25A-BP	MRCBP4-PM-25A	MRCBP4-PM-25A-BP	1
30A	Green	ACBP4-PM-30A	ACBP4-PM-30A-BP	MRCBP4-PM-30A	MRCBP4-PM-30A-BP	1

\*MOCBP4-PM-XA (Type II - Modified Reset Breakers) also available

Recommended for most commercial applications where downtime can be costly and the ability to reset is needed. Designed with a thermoplastic body that is color-coded to match the corresponding fuse. Used primarily as a wiring harness protector in automotive systems. Conforms to the SAE J553 standard for circuit breaker performance.

**Standards and Certifications**

**Material:** Thermoplastic (UL94V-0)  
**Voltage Rating:** 32VDC (Type I & III)  
**Standards:** SAE J553



MRCBP4-PS-30A-BP

**LOW PROFILE, MINIATURE BLADE - ACBP4-PS/MRCBP4-PS SERIES**

Amps.	Body Color	Bulk Part # TYPE I	Retail Part # TYPE I	Bulk Part # TYPE III	Retail Part # TYPE III	Pack Size
5A	Lt. Brown	ACBP4-PS-5A	ACBP4-PS-5A-BP	MRCBP4-PS-5A	MRCBP4-PS-5A-BP	1
7.5A	Brown	ACBP4-PS-7.5A	ACBP4-PS-7.5A-BP	MRCBP4-PS-7.5A	MRCBP4-PS-7.5A-BP	1
10A	Red	ACBP4-PS-10A	ACBP4-PS-10A-BP	MRCBP4-PS-10A	MRCBP4-PS-10A-BP	1
15A	Blue	ACBP4-PS-15A	ACBP4-PS-15A-BP	MRCBP4-PS-15A	MRCBP4-PS-15A-BP	1
20A	Yellow	ACBP4-PS-20A	ACBP4-PS-20A-BP	MRCBP4-PS-20A	MRCBP4-PS-20A-BP	1
25A	White	ACBP4-PS-25A	ACBP4-PS-25A-BP	MRCBP4-PS-25A	MRCBP4-PS-25A-BP	1
30A	Green	ACBP4-PS-30A	ACBP4-PS-30A-BP	MRCBP4-PS-30A	MRCBP4-PS-30A-BP	1

Designed with universal "snap-off" blade terminals that are scored for different terminal lengths, allowing them to fit into a variety of applications when the required blade size is unknown.

**Standards and Certifications**

**Material:** Zinc Plated Metal  
**Voltage Rating:** 12VDC  
**Standards:** SAE J553



ACB2-PL-15A-BP

**UNIVERSAL BLADE STYLE - ACB2-PL SERIES**

Amps.	Body Color	Bulk Part # Type I	Retail Pack # Type I	Pack Size
10A	Silver	ACB2-PL-10A	ACB2-PL-10A-BP	1
15A	Silver	ACB2-PL-15A	ACB2-PL-15A-BP	1
20A	Silver	ACB2-PL-20A	ACB2-PL-20A-BP	1
25A	Silver	ACB2-PL-25A	ACB2-PL-25A-BP	1
30A	Silver	ACB2-PL-30A	ACB2-PL-30A-BP	1
35A	Silver	ACB2-PL-35A	ACB2-PL-35A-BP	1
40A	Silver	ACB2-PL-40A	ACB2-PL-40A-BP	1

\*Type II, MOCB2-PL, MOCB2-PL2 & MOCB2-PL3 also available.

**LINE VOLTAGE CIRCUIT BREAKERS**

Designed for supplementary circuit protection where branch circuit protection exists or is not required, this circuit breaker provides overload protection only and must be used with an upstream fuse that provides short circuit protection.  
 \*Visit [www.optifuse.com](http://www.optifuse.com) for our complete offering and additional product information.



**Type CBW28**  
 Thermal Circuit Breaker  
 Fuse holder Type - Push to Reset

- Specifications**
- **Voltage Rating:** 250VAC 32VDC
  - Supplementary circuit protection
  - Push to Reset
  - Rocker style actuator

**Certifications**  
 IP40 cULus UL 1077



**Type CBW58**  
 Thermal Circuit Breaker  
 Push to Reset - Standard Profile

- Specifications**
- **Voltage Rating:** 250VAC 50VDC
  - **Current Rating:** 3A to 50A
  - Supplementary circuit protection
  - Push to Reset
  - Standard Profile
  - See website for configuration options

**Certifications**  
 IP40 cULus UL 1077  
 UL 1500 SAE J1171 MARINE



**Type CBW57**  
 Thermal Circuit Breaker  
 Push to Reset - Low Profile

- Specifications**
- **Voltage Rating:** 250VAC 50VDC
  - **Current Rating:** 3A to 30A
  - Supplementary circuit protection
  - Push to Reset
  - Low Profile
  - See website for configuration options

**Certifications**  
 IP40 cULus UL 1077  
 UL 1500 SAE J1171 MARINE



**Type CBW68**  
 Thermal Circuit Breaker  
 Push to Reset - High Current

- Specifications**
- **Voltage Rating:** 250VAC 32VDC
  - **Current Rating:** 40A to 80A
  - Supplementary circuit protection
  - Push to Reset
  - High Current
  - See website for configuration options

**Certifications**  
 IP40 cULus UL 1077

**THE OPTIFUSE DIFFERENCE**



**SALES & MARKETING**

- Full color catalog
- Strategic market and focus piece brochures
- Custom Sales promotions
- Training and support services
- Dedicated Sales and Customer Service support
- Inventory and stock reports

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- Extensive product specifications
- Full color product images
- Continuous new product introductions
- Competitive Interchanges
- Industry "Know-How"
- Distributor Locator



**RETAIL & MERCHANDISING**

- In store plan-o-gram solutions designed to support your business demands
- Point of Purchase displays
- Suggested stocking programs
- Industry leading retail packaging
- Custom packaging and pull through programs

**DROP SHIP PROGRAM**

- E-commerce support including high end images and datasheets
- Industry intelligence and product attribute information
- Daily stocked inventory updates
- Expedited order fulfillment
- Full customer service support



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153040	26	253050	27	641010	25	ACBP4-PL-15A-BP	30
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153040-SS	25	253070	27	641020	25	ACBP4-PL-20A-BP	30
153040-SS-BP	25	253080	27	641025	25	ACBP4-PL-25A	30
153050	26	253080-BP	27	641030	25	ACBP4-PL-25A-BP	30
153050-BP	26	253090	27	641035	25	ACBP4-PL-30A	30
153050-SS	25	253100	27	641040	25	ACBP4-PL-30A-BP	30
153050-SS-BP	25	253100-BP	27	641050	25	ACBP4-PL-5A	30
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153060-BP	26	253135	27	642010	25	ACBP4-PL-7.5A	30
153060-SS	25	253150	27	642015	25	ACBP4-PL-7.5A-BP	30
153060-SS-BP	25	253150-BP	27	642020	25	ACBP4-PM-10A	31
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ACBP-N-30C	28	ANE-M-325A	20	ANM-8L-BP	8	ANR-3A-BX	4
ACBP-N-30C-BP	28	ANE-M-350A	20	ANM-8P-BP	8	ANR-3A-VP	4
ACBP-N-40C	28	ANE-M-400A	20	ANM-8T-BP	8	ANR-4A	4
ACBP-N-40C-BP	28	ANE-M-450A	20	ANM-10A	2	ANR-4A-BP	4
ACBP-N-50A	28	ANE-M-500A	20	ANM-10A-BP	2	ANR-4A-BX	4
ACBP-N-50C-BP	28	ANE-M-600A	20	ANM-10A-BX	2	ANR-4A-VP	4
ACBP-V-10A	28	ANF-50A	20	ANM-10A-VP	2	ANR-5A	4
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MOCB-N-25A	29	MRCBP4-PS-15A	31	PUL-07	6		
MOCB-N-30A	29	MRCBP4-PS-15A-BP	31	PUL-07-BP	6		
MOCB-N-40A	29	MRCBP4-PS-20A	31	PUL-08	6		
MOCB-N-50A	29	MRCBP4-PS-20A-BP	31	PUL-08-BP	6		
MOCB-V-10A	29	MRCBP4-PS-25A	31	SSC	30		
MOCB-V-15A	29	MRCBP4-PS-25A-BP	31	SSC-B	30		
MOCB-V-20A	29	MRCBP4-PS-30A	31	TFLB-30A	17		
MOCB-V-25A	29	MRCBP4-PS-30A-BP	31	TFLB-40A	17		
MOCB-V-30A	29	MRCBP-H-10C	28	TFLB-50A	17		
MOCB-V-40A	29	MRCBP-H-10C-BP	28	TFLB-60A	17		
MOCB-V-50A	29	MRCBP-H-15C	28	TFLB-70A	17		
MRCB-H-10A	29	MRCBP-H-15C-BP	28	TFLB-80A	17		
MRCB-H-15A	29	MRCBP-H-20C	28	TFLB-100A	17		
MRCB-H-20A	29	MRCBP-H-20C-BP	28	TFLB-120A	17		
MRCB-H-25A	29	MRCBP-H-25C	28	TFLD-30A	17		
MRCB-H-30A	29	MRCBP-H-25C-BP	28	TFLD-40A	17		
MRCB-H-40A	29	MRCBP-H-30C	28	TFLD-50A	17		
MRCB-H-50A	29	MRCBP-H-30C-BP	28	TFLD-60A	17		
MRCB-N-10A	29	MRCBP-H-40C	28	TFLD-70A	17		
MRCB-N-15A	29	MRCBP-H-40C-BP	28	TFLD-80A	17		



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