

COOPER

**Bussmann®**



# Consumer Aftermarket Product Catalog

Specialty and High Amp Fuses, and Fusible Links

**COOPER** Bussmann

## Specialty and High Amp Fuses & Fusible Links

### Female Maxi Fuses

Developed to meet the growing OEM demand for smaller components, the FMX and low-profile FMX Female Maxi fuses offer high amp protection in compact packages. Both FMX and low-profile FMX fuses are available in amp ratings from 20 to 60A.

#### easyID™ FMX Illuminating Female Maxi Fuses

Following on the popularity and wider application of FMX fuses for late-model OEM vehicles, the *easyID* illuminating FMX fuse line with LED open fuse indication technology is available in popular amp ratings. Tri-lingual packaging provides easy retail selling.

| Color Code | 1 Fuse Tri-lingual Blister Pack (Amps) |
|------------|--|
| Blue       | BP/FMX-20ID                            |
| Pink       | BP/FMX-30ID                            |
| Green      | BP/FMX-40ID                            |
| Red        | BP/FMX-50ID                            |
| Yellow     | BP/FMX-60ID                            |

**easyID™**  
Blown Fuse Indication



### FMX Non-illuminating Female Maxi Fuses

| Color Code | Part No. (Amps) | Blister Pack | Tri-Lingual Blister |
|------------|-----------------|--------------|---------------------|
| Blue       | FMX-20          | X            | X                   |
| Pink       | FMX-30          | X            | X                   |
| Green      | FMX-40          | X            | X                   |
| Red        | FMX-50          | X            | X                   |
| Yellow     | FMX-60          | X            | X                   |



### FMX\_LP Low-Profile Female Maxi Fuses

| Color Code | Part No. (Amps) | Blister Pack   |
|------------|-----------------|----------------|
| Blue       | FMX-20LP        | BP/FMX-20LP-RP |
| White      | FMX-25LP        |                |
| Pink       | FMX-30LP        | BP/FMX-30LP-RP |
| Green      | FMX-40LP        | BP/FMX-40LP-RP |
| Red        | FMX-50LP        | BP/FMX-50LP-RP |
| Yellow     | FMX-60LP        | BP/FMX-60LP-RP |



### FL Series Fusible Links

Used primarily in Japanese-designed vehicles for wiring harness protection.

#### FL Series Fusible Link Color Codes (Amps)

| Color      | FLB | FLD | FLF | FLM | FLN | FLS |
|------------|-----|-----|-----|-----|-----|-----|
| Light Blue | -   | -   | 20  |     |     |     |
| Pink       | 30  | 30  | 30  | 30  | -   | 30  |
| Green      | 40  | 40  | 40  | -   | 30  | 40  |
| Red        | 50  | 50  | 50  | -   | -   | -   |
| Yellow     | 60  | -   | 60  | 60  | -   | -   |
| Brown      | 70  | -   | -   | -   | 25  | -   |
| Black      | 80  | 80  | -   | 80  | -   | -   |
| Blue       | 100 | 100 | -   | 100 | -   | -   |
| Gray       | 120 | -   | -   | 120 | -   | -   |
| Maroon     | 140 | -   | -   | -   | -   | -   |

| Part No. (Amps) | Blister Pack | Tri-Lingual Blister |
|-----------------|--------------|---------------------|
| FLB-30          | X            |                     |
| FLB-40          | X            |                     |
| FLB-50          | X            |                     |
| FLB-60          | X            | X                   |
| FLB-70          | X            | X                   |
| FLB-80          | X            |                     |
| FLB-100         | X            |                     |
| FLB-120         | X            |                     |
| FLB-140         | X            |                     |

#### FLB Bolt-Mount Fusible Links

Bolts into fuse block, 13/16" bolt terminal.



#### FLD Bolt-Mount Fusible Links

Bolts into fuse block, 9/16" bolt terminal.



| No. (Amps) | Blister Pack |
|------------|--------------|
| FLD-30     | X            |
| FLD-40     | X            |
| FLD-50     | X            |
| FLD-80     | X            |
| FLD-100    | X            |
| FLD-120    | X            |
| FLD-140    | X            |

| Part No. (Amps) | Blister Pack | Tri-Lingual Blister |
|-----------------|--------------|---------------------|
| FLF-20          | X            | X                   |
| FLF-30          | X            | X                   |
| FLF-40          | X            | X                   |
| FLF-50          | X            | X                   |
| FLF-60          | X            | X                   |

#### FLF Female Termination Fusible Links



#### FLM Male Termination Fusible Links



| Part No. (Amps) | Blister Pack | Tri-Lingual Blister |
|-----------------|--------------|---------------------|
| FLM-30          | X            |                     |
| FLM-60          | X            | X                   |
| FLM-80          | X            | X                   |
| FLM-100         | X            | X                   |
| FLM-120         | X            |                     |

## Specialty and High Amp Fuses & Fusible Links

### FLN Female Termination Fusible Links With Locking Tab

| Part No. (Amps) | Blister Pack |
|-----------------|--------------|
| FLN-25          |              |
| FLN-30          | X            |



### FLS Female Miniature Termination Fusible Links

| Part No. (Amps) | Blister Pack |
|-----------------|--------------|
| FLS-30          | X            |
| FLS-40          | X            |



### CBBF Battery Fuses

These fuses are suitable for main and auxiliary circuit protection (alternator outputs, starter motor inputs and accessories) in demanding environments or tight space constraints. Marine-rated under SAE J1117 for ignition protection. Mounting bar with nut and cover available - order Part No. CBBF-MBC.



| Part No. (Amps) |          |          |          |
|-----------------|----------|----------|----------|
| CBBF-30         | CBBF-75  | CBBF-125 | CBBF-225 |
| CBBF-40         | CBBF-80  | CBBF-150 | CBBF-250 |
| CBBF-50         | CBBF-90  | CBBF-175 | CBBF-300 |
| CBBF-60         | CBBF-100 | CBBF-200 |          |

### Fusible Links and Fusible Link Wire

14Vdc BP/FL-14 and BP/FL-16 kits includes 9" length fusible link wire with printed label attached indicating wire gauge numbers; two different ring terminals and crimp connector.

| Part No.  | Description   |
|-----------|---|
| BP/FL-14  | 9-inches of 14 gauge fusible link wire with 3/16" and 1/8" terminals and crimp connector. |
| BP/FL-16  | 9-inches of 16 gauge fusible link wire with 1/4" and 3/16" terminals and crimp connector. |
| BP/FLW-14 | Six foot coil of 14 gauge fusible link wire.  |



### ANN & ANL Current Limiters

Often used to protect charging systems in battery-operated forklifts, golf carts and similar applications. These rugged, reliable fuses offer high amp ratings in a compact size just 7/16" x 3 3/16".

Durable glass-laminated melamine body and riveted construction offer superior service life in heavy-duty applications. Clear window provides open-fuse indication.

### ANN Very Fast-Acting Current Limiters

For applications up to 800 amps. Uses SFR fuse block - see page 20.

| Part No. (Amps) |         |
|-----------------|---------|
| ANN-10          | ANN-225 |
| ANN-35          | ANN-250 |
| ANN-40          | ANN-275 |
| ANN-50          | ANN-300 |
| ANN-60          | ANN-325 |
| ANN-80          | ANN-350 |
| ANN-90          | ANN-400 |
| ANN-100         | ANN-500 |
| ANN-125         | ANN-600 |
| ANN-150         | ANN-700 |
| ANN-175         | ANN-800 |
| ANN-200         |         |



### ANL Non Time-Delay Current Limiters

For applications up to 750 amps. Uses SFR fuse block - see page 20.



| Part No. (Amps) |         |
|-----------------|---------|
| ANL-35          | ANL-225 |
| ANL-40          | ANL-250 |
| ANL-50          | ANL-275 |
| ANL-60          | ANL-300 |
| ANL-80          | ANL-325 |
| ANL-100         | ANL-350 |
| ANL-125         | ANL-400 |
| ANL-130         | ANL-500 |
| ANL-150         | ANL-600 |
| ANL-175         | ANL-675 |
| ANL-200         | ANL-750 |

### AMG High Amp Stud-Mount Fuses

| Part No. (Amps) | Blister Pack |
|-----------------|--------------|
| AMG-100         |              |
| AMG-125         |              |
| AMG-150         |              |
| AMG-175         | X            |
| AMG-200         |              |
| AMG-225         |              |
| AMG-250         |              |
| AMG-300         |              |

Used for high current applications on selected late model vehicles. AMG fuses are available in amp ratings from 100A to 300A. HMEG fuse block with splash-proof cover is also available - see page 20.



### AMI High Amp Stud-Mount Fuses

| Part No. (Amps) |
|-----------------|
| AMI-40          |
| AMI-50          |
| AMI-80          |

These high amp fuses are used in power distribution protection for automotive systems on some late model cars. AMI fuses are available in amp ratings: 40, 50, and 80A. Uses HMID fuse holder - see page 20.



## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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