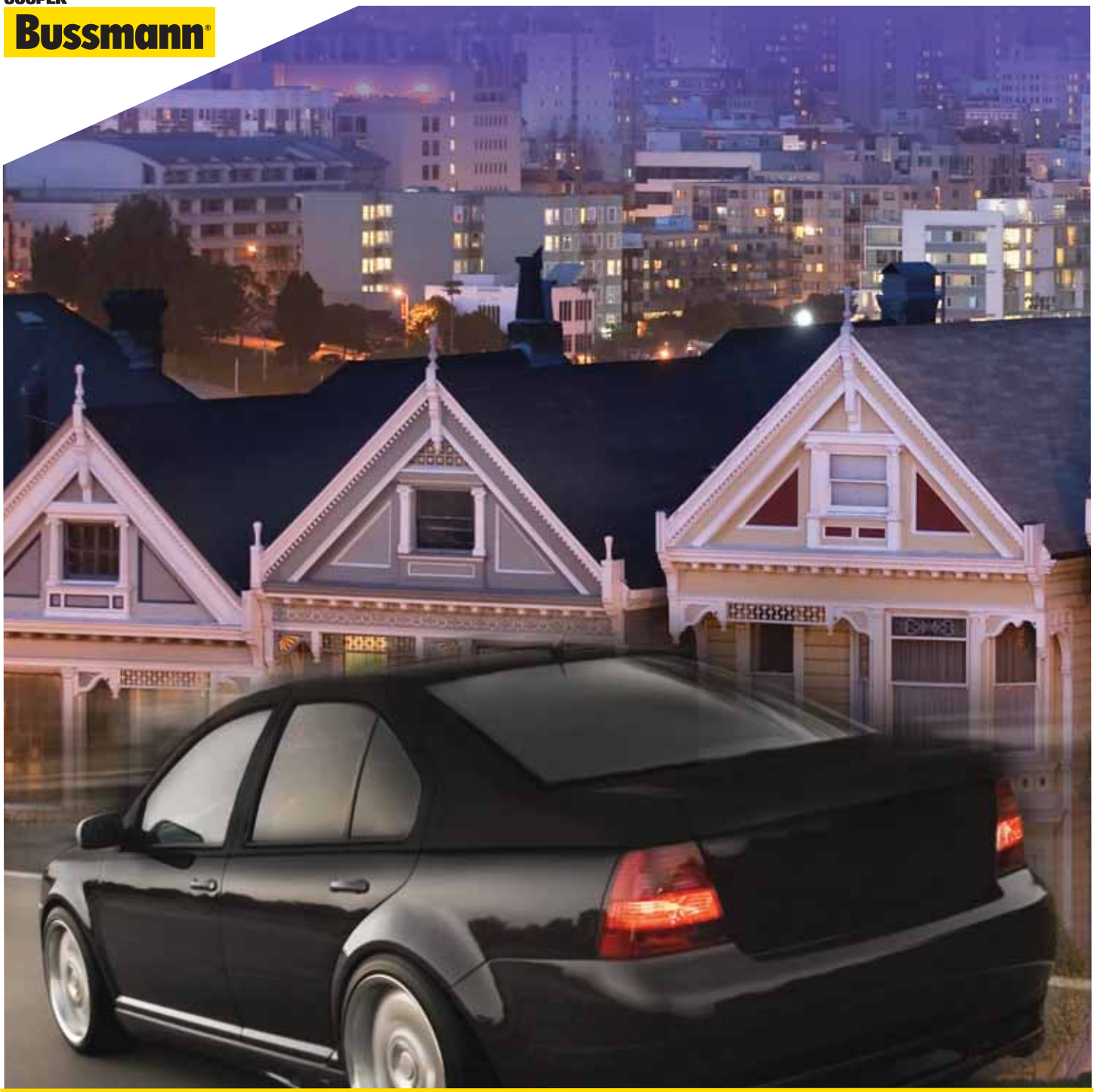
COOPER Bussmann®



# Consumer Aftermarket Product Catalog

## Fuse and Circuit Breaker Specifications

COOPER Bussmann

## Circuit Protection Specifications - Fuses

| Type | Catalog Symbol | Class | Construction/Size | Volts | Amps | Interrupting Rating | Type | Typical Applications |
|---|---|---|---|---|---|---|---|---|
| Blade | ATM / ATM-_ID* | - | Miniature blade fuse | 32Vdc | 2-30A | 1kA | Fast-Acting | Automotive circuits |
| *easyID™ illuminating version | ATM_LP | - | Low-profile ATM fuse | 32Vdc | 5-30A | 1kA | Fast-Acting | Automotive circuits |
| | ATC / ATC-_ID* | - | Blade fuse | 32Vdc | 1-40A | 1kA | Fast-Acting | Automotive circuits |
| | MAX / MAX-_ID* | - | Heavy-duty blade fuse | 32Vdc | 20-80A | 1kA | Fast-Acting | Automotive circuits |
| Glass Tube | ABC | - | 1/4" x 1 1/4"<br>Ceramic | 250Vac<br>250Vac<br>250Vac<br>250Vac<br>250Vac<br>125Vac | 1/4-1A<br>1 1/2-3A<br>4-10A<br>12-15A<br>20A<br>25-30A | 35A<br>100A<br>200A<br>750A<br>400A<br>1kA | Fast-Acting | Appliances and consumer electronics |
| | AGA | - | 1/4" x 5/8" | 125Vac<br>125Vac<br>32Vac | 1-1 1/2A<br>2-5A<br>6-30A | 10kA<br>200A<br>1kA | Fast-Acting | Automotive circuits |
| | AGC | - | 1/4" x 1 1/4" | 250Vac<br>250Vac<br>250Vac<br>32Vac<br>32Vac<br>32Vac | 1/20-1A<br>1 1/4-3A<br>4-10A<br>12-30A<br>35A<br>40A | 35A<br>100A<br>200A<br>1kA<br>70A<br>80A | Fast-Acting | Appliances and consumer electronics |
| | AGU<br>AGU-(amp)GP | Midget | Glass tube ferrule<br>13/32" x 1 1/2" | 250Vac<br>32Vac | 1-3A<br>4-60A | 10kA<br>10kA | Fast-Acting | Appliances and consumer electronics |
| | AGW | - | 1/4" x 7/8" | 32Vac | 1-30A | - | Fast-Acting | Automotive circuits |
| | AGX | - | 1/4" x 1" | 250Vac<br>250Vac<br>125Vac<br>125Vac<br>32Vac | 1/500-1/2A<br>3/4-2A<br>2 1/2-5A<br>6-7A<br>8-30A | 35A<br>100A<br>10kA<br>1kA<br>1kA | Fast-Acting | Automotive circuits |
| | GBB | - | 1/4" x 1 1/4"<br>Ceramic | 250Vac<br>125Vac | 1-30A<br>1-15A | 200A<br>10kA | Fast-Acting | Appliances and consumer electronics |
| | GBC | - | 1/4" x 31/32" | 32V | 5-25A | - | Fast-Acting | German automobiles |
| | GDA | - | 5 x 20mm Ceramic | 250Vac | 50mA-6.3A | 1.5kA | Fast-Acting | Electronic Circuits |
| | GDB | - | 5 x 20mm | 250Vac | 32mA-16A | 35A | Fast-Acting | Electronic Circuits |
| | GDC | - | 5 x 20mm | 250Vac | 32mA-6.3A | 35A | Time-Delay | Electronic Circuits |
| | GMA | - | 5 x 20mm | 250Vac<br>250Vac<br>125Vac<br>125Vac<br>125Vac | 32mA-1A<br>1.2-3A<br>3.15-6A<br>7-10A<br>15A | 35A<br>100A<br>1kA<br>200A<br>150A | Fast-Acting | Appliances and consumer electronics |
| | GMC | - | 5 x 20mm | 250Vac<br>250Vac<br>125Vac<br>125Vac | 63mA-1A<br>1.25-3.15A<br>3.5-6.3A<br>7-10A | 35A<br>100A<br>10kA<br>200A | Time-Delay | Appliances and consumer electronics |
| | GMD | - | 5 x 20mm | 250Vac<br>250Vac | 125mA-3A<br>4A | 100A<br>200A | Time-Delay | Electronic Circuits |
| | MDA | - | 1/4" x 1 1/4"<br>Ceramic | 250Vac<br>250Vac<br>250Vac<br>250Vac<br>125Vac | 1/4-1A<br>1 1/2-2A<br>2 1/2-10A<br>12-15A<br>20-30A | 35A<br>100A<br>200A<br>750A<br>1.5kA | Time-Delay | Appliances and consumer electronics |
| | MDL | - | 1/4" x 1 1/4" | 250Vac<br>250Vac<br>250Vac<br>32Vac | 1/16-1A<br>1 1/4-3A<br>4-8A<br>9-30A | 35A<br>100A<br>200A<br>1kA | Time-Delay | Appliances and consumer electronics |
| | MDQ | - | 1/4" x 1 1/4" | 250Vac<br>250Vac<br>250Vac<br>32Vac | 1/16-1A<br>1 1/4-3A<br>4-7A<br>8-30A | 35A<br>100A<br>200A<br>1kA | Time-Delay | Electronic Relay and Controls |
| | SFE | - | 1/4" x various length | 32V | 4-30A | - | Fast-Acting | Size-Rejecting for automotive circuits |

# Circuit Protection Specifications - Fuses

| Type | Catalog Symbol | Class | Construction/Size | Volts | Amps | Interrupting Rating | Type | Typical Applications |
|---|---|---|---|---|---|---|---|---|
| Heavy-Duty | AMG | - | Bolt-in fuse | 32Vdc | 100-300A | 1kA | | Automotive circuits, uses HMEG fuse block |
| | AMI | - | Bolt-in fuse | 32Vdc | 50-100A | 2kA | | Automotive circuits, uses HMID fuse block |
| | CBBF | - | Bolt-in | 58Vdc | 30-300A | 2kA | - | Heavy-Duty and Marine |
| *easyID™ illuminating version | FMX, FMX_ID* Female Maxi | - | 6mm blade on 5.5mm centers | 32Vdc | 20-60A | 1kA | Time-Delay | Automotive circuits |
| | FMX_LP Low-Profile FMX Fuse | - | Low-profile, 6mm blade on 5.5mm centers | 58Vdc | 20-60A | 1kA @ 32Vdc | Time-Delay | Automotive circuits |
| Current Limiters | ANN | - | Bolt-in fuse 2.44mm blade centers | 125Vac/ 80Vdc | 10 to 800A | 2.5kA - ac 2.7kA - dc | Very Fast-Acting | Automotive circuits, fork lift trucks, marine, aviation |
| | ANL | - | Bolt-in fuse 2.44mm blade centers | 32Vac/ 80Vdc | 35 to 750A | 6kA - ac 2.7kA - dc | Non Time-Delay | Automotive circuits, fork lift trucks, marine, aviation |
| Fusible Links | FLB | - | Bolt-mount | 32Vdc | 30-140A | 10kA | - | Automotive circuits |
| | FLD | - | Bolt-mount | 32Vdc | 30-104A | 10kA | - | |
| | FLF | - | Female terminals | 32Vdc | 20-60A | 10kA | - | |
| | FLM | - | Male terminals | 32Vdc | 30-120A | 10kA | - | |
| | FLN | - | Fem. terms. w/ lock tab | 32Vdc | 25-30A | 10kA | - | |
| | FLS | - | Fem. mini terminals | 32Vdc | 30-40A | 10kA | - | |
| Plug | TL | - | Edison Thread Base | 125Vac | 15-30A | 10kA | Time-Delay | Panels, small motors and inductive loads |
| | T | - | Edison Thread Base | 125Vac | $^{3}/_{10}$-30A | 10kA | Heavy-Duty Time-Delay | Panels, small motors and inductive loads |
| | TC | CSA Type D | Edison Thread Base | 125Vac | 15-30A | - | Dual-Element Time-Delay | Canadian applications: Panels, small motors and inductive loads |
| | P | CSA Type P | Edison Thread Base | 125Vac | 15-30A | - | General Purpose | Canadian applications: Panels, small motors and inductive loads |
| | SL | - | Rejection Thread Base | 125Vac | 15-30A | 10kA | Time-Delay | Panels, small motors and inductive loads |
| | S | - | Rejection Thread Base | 125Vac | $^{1}/_{4}$-30A | 10kA | Heavy-Duty Time-Delay | Panels, small motors and inductive loads |
| Cartridge | NON | K5 & H | Ferrule Style | 250Vac | $^{1}/_{8}$-60A | 50kA | General Purpose | Light duty circuits |
| | | | Blade Style | 250Vac | 65-600A | 10kA | | |
| | PON | CSA Type P | Ferrule Style | 250Vac | 1-60A | 10kA | General Purpose | Canadian applications: Light duty circuits |
| | | | Blade Style | 250Vac | 70-600A | 10kA | | |
| | CDN | CSA Type D | Ferrule Style | 250Vac | 1-60A | 10kA | Gen. Purpose Time-Delay | Canadian applications: Light duty circuits |
| | | | Blade Style | 250Vac | 70-600A | 10kA | | |
| | NOS | K5 & H | Ferrule Style | 600Vac | 1-60A | 50kA | General Purpose | Light duty circuits |
| | | | Blade Style | 600Vac | 70-600A | 10kA | | |
| **easyID™ indicating version | FRN-R FRN-R_ID** | RK5 | Ferrule Style | 250Vac | $^{1}/_{10}$-60A | 200kA | Time-Delay | Panelboards, motor control centers, machinery disconnects and combination starters |
| | | | Blade Style | 250Vac | 70-600A | 200kA | | |
| | FRS-R | RK5 | Ferrule Style | 600Vac | $^{1}/_{10}$-60A | 200kA | Time-Delay | Panelboards, motor control centers, machinery disconnects and combination starters |
| | | | Blade Style | 600Vac | 65-600A | 200kA | | |
| | SC | G | $^{13}/_{32}$" x $1^{5}/_{16}$" Ferrule | 600Vac | 1-6A | 100kA | Fast-Acting | Fusible branch panelboards, HVAC |
| | | | $^{13}/_{32}$" x $1^{5}/_{16}$" Ferrule | 600Vac | 7-15A | 100kA | Time-Delay | |
| | | | $^{13}/_{32}$" x $1^{13}/_{32}$" Ferrule | 600Vac | 20A | 100kA | | |
| | | | $^{13}/_{32}$" x $1^{5}/_{8}$" Ferrule | 480Vac | 25-30A | 100kA | | |
| | | | $^{13}/_{32}$" x $2^{1}/_{4}$" Ferrule | 480Vac | 35-60A | 100kA | | |
| | BAF | Midget | $^{13}/_{32}$" x $1^{1}/_{2}$" Ferrule | 250Vac | $^{2}/_{10}$-1A | 35A | Fast-Acting | 125 and 250Vac non-inductive load circuits |
| | | | | 250Vac | $1^{1}/_{2}$-$2^{1}/_{2}$A | 100A | | |
| | | | | 250Vac | 3-9A | 200A | | |
| | | | | 250Vac | 10-15A | 750A | | |
| | | | | 125Vac | 20-30A | 10kA | | |

## Circuit Protection Specifications - Fuses

| Type | Catalog Symbol | Class | Construction/Size | Volts | Amps | Interrupting Rating | Type | Typical Applications |
|---|---|---|---|---|---|---|---|---|
| Cartridge | FNM | Midget | 13/32" x 1 1/2" Ferrule | 250Vac<br>250Vac<br>250Vac<br>125Vac | 1/10-1A<br>1 1/8-3 1/2A<br>4-10A<br>12-30A | 35A<br>100A<br>200A<br>10kA | Time-Delay | General purpose & lighting circuits |
| | FNQ | Midget | 13/32" x 1 1/2" Ferrule | 500Vac | 1/10-30A | 10kA | Time-Delay | 480V Control transformer circuits, lighting circuits |
| | FNQ-R | CC | 13/32" x 1 1/2" Ferrule | 600Vac | 1/4-30A | 200kA | Time-Delay | Industrial and transformer control and specialized circuits |
| | KTK | Midget | 13/32" x 1 1/2" Ferrule | 600Vac | 1/10-30A | 100kA | Fast-Acting | Control and meter circuits |
| | KTK-R | CC | 13/32" x 1 1/2" Ferrule | 600Vac | 1/10-30A | 200kA | Fast-Acting | Industrial control circuits |

## Circuit Protection Specifications - Circuit Breakers

| Size/Type/ Footprint | Catalog Symbol | SAE Type | Construction/Size | Volts | Amps | Interrupting Rating | Reset Type | Typical Applications |
|---|---|---|---|---|---|---|---|---|
| ATM | CB211 | I | ATM Footprint | 14Vdc | 7.5-30A | 150A | Automatic | Automotive/RV |
| | CB212 | II | ATM Footprint | 14Vdc | 10-30A | 150A | Modified | Automotive/RV |
| | MMB | I | ATM Footprint | 12Vdc | 15-20A | 300A | Automatic | Automotive/RV |
| ATC | ACB | I | ATC Footprint | | | | Automatic | Automotive/RV |
| | CB221 | I | ATC Footprint | 14Vdc | 7.5-30A | 150A | Automatic | Automotive/RV |
| | CB222 | II | ATC Footprint | 12Vdc | 10-30A | 150A | Modified | Automotive/RV |
| | CB223 | III | ATC Footprint | 28Vdc | 7.5-30A | 150A | Manual | Automotive/RV |
| | CB227 | III | ATC Footprint | 28Vdc | 5-30A | 2kA | Manual | Automotive/RV |
| | CCB-25 | I | ATC Footprint | - | 25A | - | Automatic | Automotive/RV |
| | CBB-30 | II | ATC Footprint | 24Vdc | 30A | - | Modified | Automotive/RV |
| | FCB-20 | II | ATC Footprint | 14.5Vdc | 20A | - | Modified | Automotive/RV |
| | UCB | I | ATC Footprint | 12Vdc | 6-30A | - | Automatic | Automotive/RV |
| Maxi | CB1911 | I | MAX Footprint | 14Vdc | 10-50A | 150A* | Automatic | Automotive/RV/Marine |
| | CB1921 | II | MAX Footprint | 12Vdc | 10-30A | 150A | Modified | Automotive/RV/Marine |
| Glass Tube | CBF | II | 1/4" x 1 1/4" | - | 6-40A | | Modified | Automotive/RV/Marine |
| Stud Mount | CB123-(amp)B | III | 10-32 Studs 0.69"Ctrs | 28Vdc | 10-50A | 1.5kA** | Manual | RV/Truck/Marine |
| | CB123-(amp)HB | III | 10-32 Studs 0.69"Ctrs | 28Vdc | 10-50A | 1.5kA** | Manual | RV/Truck/Marine |
| | CBC | I | 10-32 Studs 0.69"Ctrs | 14Vdc | 8-50A | 1.5kA | Automatic | RV/Truck/Marine |
| | CBC-(amp)B | I | 10-32 Studs 0.69"Ctrs | 14Vdc | 8-50A | 1.5kA | Automatic | RV/Truck/Marine |
| | CBC-(amp)BWP | I | 10-32 Studs 0.69"Ctrs | 12Vdc | 20-30A | 1.5kA | Automatic | RV/Truck/Marine |
| | CBC-(amp)HB | I | 10-32 Studs 0.69"Ctrs | 14Vdc | 10-50A | 1.5kA | Automatic | RV/Truck/Marine |
| | CBP-(amp)BA | I | 10-32 Studs 0.69"Ctrs | 14Vdc | 10-50A | 1.5kA | Automatic | RV/Truck/Marine |
| Panel Mount | CB174 | III | 1/4" QC Terminals | 250Vac/32Vdc | 8-30A | 200A | Manual | Automotive/Truck |
| | CB174B | III | 5-32 Screw Terminals. | 250Vac/32Vdc | 10-40A | 200A | Manual | Automotive/Truck |
| Quick Connect | CBT-(amp)M | II | 1/4" QC Terminals | - | 10-30A | - | Modified | RV/Truck/Marine |
| | CBT-(amp)N | II | 1/4" QC Terminals | - | 10-30A | - | Modified | RV/Truck/Marine |
| | CBU-6 | I | 1/4" QC Terminals | - | 6A | - | Automatic | RV/Truck/Marine |
| | CBU-30B | I | 1/4" QC Terminals | - | 30A | - | Automatic | RV/Truck/Marine |
| High Amp | CB181P | I | Weatherproof, Panel-Mt. | 30Vdc | 60-150A | 3kA | Automatic | RV/Truck/Marine |
| | CB184F | III | Surface-Mt.1/4-35 Stud | 48Vdc | 25-150A | 3kA | Manual | RV/Truck/Marine |
| | CB185 | III | Surface-Mt.1/4-35 Stud | 48Vdc | 25-150A | 3kA | Manual | RV/Truck/Marine |
| | CB185P | III | Panel-Mt.1/4-35 Stud | 48Vdc | 25-150A | 3kA | Manual | RV/Truck/Marine |
| | CB187F | III | Surface-Mt. 5/16-18 Stud | 48Vdc | 25-150A | 5kA** | Manual | RV/Truck/Marine |
| | CB187P | III | Panel-Mt. 5/16-18 Stud | 48Vdc | 25-150A | 5kA** | Manual | RV/Truck/Marine |
| | CB251 | I | Weatherproof, Panel-Mt. | 32Vdc | 10-50A | 2.5kA | Automatic | RV/Truck/Marine |
| | CB254 | III | Weatherproof, Panel-Mt. | 32Vdc | 10-50A | 2.5kA | Manual | RV/Truck/Marine |
| | CB255 | III | Weatherproof, Panel-Mt. | 32Vdc | 10-50A | 2.5kA | Manual | RV/Truck/Marine |
| Plug Fuse | MB | - | Edison base plug thread | 125Vac | 15-20A | - | Manual | Residential fuse panels |

* Changes with amp range. ** @ 12Vdc.

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**Как с нами связаться**

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