



Consumer Aftermarket New Product Catalog

Automotive Circuit Protection Products and Accessories

Cooper Bussmann - The Trusted Brand that Sells

With the market coverage, innovative products and profit-building packaging, Cooper Bussmann is *The Driving Force In Circuit Protection*.

Cooper Bussmann is a worldwide leader in developing circuit protection technology. We offer the broadest market coverage in the industry. This mini catalog covers only our newest products for the automotive aftermarket. For additional products or technical information, visit our website at www.cooperbussmann.com.

Additional information about these products can be found in the Automotive Price Sheets available from your Cooper Bussmann representative.

In addition to these products, Cooper Bussmann can provide virtually all your needs for these automotive circuit protection products:

- Blade fuses
- Fusible links and limiters
- Fuse holders and blocks
- Accessories
- Glass tube fuses
- Circuit breakers
- Flashers
- Product displays and assortments

Sell the brand that consumers know and trust - Cooper Bussmann.

Fuses & Circuit Breakers

The industry standard - used in most domestic and imported cars today. All Cooper Bussmann blade fuses meet or exceed OEM and SAE standards.

Low-Profile ATM Blade Fuses, 32Vdc

This is a low-profile version of the ATM fuse that's rapidly increasing in popularity for its spacing-saving package. It uses the same ratings and universal color-coding as ATM and ATC style fuses. All Cooper Bussmann ATM fuses feature an enclosed element offering protection against shocks and sparks, plus corrosion resistance for longer service life.

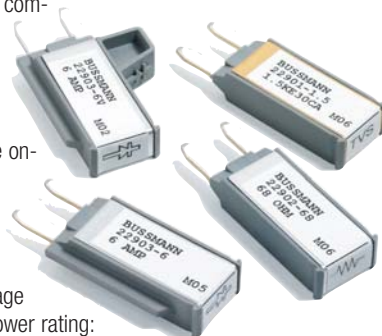
Part No. (Amps)	Blister Pack
ATM-5LP	X
ATM-7 1/2LP	X
ATM-10LP	X
ATM-15LP	X
ATM-20LP	X
ATM-25LP	X
ATM-30LP	X



ATM Footprint Mini Devices

Many of today's off-road, heavy-duty and recreational vehicles have increasingly sophisticated electronic devices. Mini Devices answer the need for solving power quality issues that may adversely affect sensitive electronic gear. Transorb, resistor and diode vehicle-style electrical protection devices easily install in common ATM fuse holders. These circuit protection devices provide voltage and current limiting functionality to vehicle circuitry; and are designed for the on- and off-highway requirements of heavy trucks, RV, construction, agriculture, ATV and material handling equipment.

- **Transorb** - Protects against voltage spikes. Clamp rating: 27Vdc. Power rating: 1500W
- **Resistor** - Drops circuit voltage. Power rating: 5W. Resistance: 68Ω.
- **Diode** - Prevents reverse current flow. Amp rating: 6A.



Part No.	Description
CB22901-1.5	Transorb voltage spike protector
CB22902-68	Resistor voltage drop device
CB22903-6	Diode reverse current protector
CB22903-6V	Diode reverse current protector with wing key

CB227 Type III ATC Footprint Low-Profile Circuit Breakers, 28Vdc

Compliant with SAE J553 and J1171, these manual reset, ignition protected ATC footprint circuit breakers have a 2000A interrupting rating and are color coded to their amp ratings.

Color Code	Part No. (Amps)
Tan	CB227-5
Moss Green	CB227-6
Brown	CB227-7 1/2
Red	CB227-10
Blue	CB227-15
Yellow	CB227-20
White	CB227-25
Green	CB227-30



High Amp Fuses

Low-Profile Female Maxi Fuses, 32Vdc

Developed to meet the growing OEM demand for smaller components, the low-profile FMX Female Maxi fuses offer high amp protection in a compact package. Each amp rating is color coded and marked.

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



CBBF Battery Fuses, 58Vdc

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 with interrupting ratings of 10kA @ 14Vdc, 5kA @ 32Vdc and 2kA @ 58Vdc. Mounting bar and cover available (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	

Fuse Panels & Blocks

RTMF Fuse Panel For ATM Blade Fuses & Circuit Breakers

Designed for versatility, durability and ease-of-installation, Cooper Bussmann fuse panels deliver the ideal solution for many applications. Cooper Bussmann fuse panels are molded of high-performance thermoplastic, and feature high quality hardware in a choice of connector styles.

The Rear Terminal 20 Position ATM Fuse Panel provides efficient power distribution in a rugged, compact package.

The RTMF offers a weather tight enclosure (IP66/67) for ATM blade fuses and circuit breakers when cover, cable seals and cavity plugs are installed.*

Shown with deep cover. Fuses and circuit breakers sold separately.



Part No.	Description
RTMF	20 position fuse block
RTMF-SC	20 position fuse block with shallow cover
RTMF-DC	20 position fuse block with deep cover

*Electrical terminals, cable seals and cavity plugs are either Delphi Packard Metri-Pack® 280 Series terminals (sealed/tangless) or AMP® terminals. They accept #12-22 AWG wire sizes. Delphi Packard 280 Series cavity plugs are installed where wires are not used. Seals and cavity plugs not sold by Cooper Bussmann.

24Vdc Power Distribution Relay Module & 32Vdc Fuse Block

The sealed Power Relay Module (CBPRM) and Power Fuse Module (CBPFM) are compact power distribution modules for high current applications up to 60 amps having extreme moisture and high vibration.

The 24Vdc CBPRM contains a 35 amp relay and two FMX* fuse positions (one protects the relay and the other a single-circuit in-line fuse). Sealed relay rated at 70A @ 12Vdc or 35A @ 24Vdc.

The 32Vdc CBPFM has two FMX* fuse positions for separate circuits.

Both the CBPRM and CBPFM feature rugged M8 power input studs, and an IP66 removable, weather-tight cover to protect the fuse positions.

Electrical terminations not supplied by Cooper Bussmann.



* FMX fuses sold separately.

Part No.	Description
CBPFM	Power Fuse Module
CBPRM	Power Relay Module

High Amp Circuit Breakers

Marine-Rated High Amp Circuit Breakers

High amp circuit breakers are typically used in auxiliary and accessory circuits for trucks, buses, RVs and marine applications. All high amp circuit breakers comply with the SAE J1117 standard for ignition protection and have applications in battery charger systems and DC audio systems. Offered in flush-mount or panel-mount (see chart for amps available).

CB187F Type III Marine-Rated Surface-Mount Manual Reset Circuit Breaker with Switch Function, 48Vdc

Part No. (Amps)	
CB187F-25	CB187F-80
CB187F-30	CB187F-90
CB187F-35	CB187F-100
CB187F-40	CB187F-110
CB187F-50	CB187F-120
CB187F-60	CB187F-135
CB187F-70	CB187F-150



Specifically designed to meet the needs of marine applications, the CB187F and CB187P offer 5kA interrupting ratings and ignition protection per ABYC E-11. Usable as an ON/OFF switch (capable of withstanding 3000 ON/OFF cycles @48Vdc), they have corrosion resistant plating on 5/16-18 copper terminals.

CB251 Type I Ignition Protected Weatherproof Panel-Mount Manual Reset Circuit Breaker, 32Vdc

Part No. (Amps)	
CB251-10	CB251-30
CB251-15	CB251-35
CB251-20	CB251-40
CB251-25	CB251-50



CB187P Type III Marine-Rated Panel-Mount Manual Reset Circuit Breaker with Switch Function, 48Vdc

Part No. (Amps)	
CB187P-25	CB187P-80
CB187P-30	CB187P-90
CB187P-35	CB187P-100
CB187P-40	CB187P-110
CB187P-50	CB187P-120
CB187P-60	CB187P-135
CB187P-70	CB187P-150



CB255 Type III Ignition Protected Weatherproof Panel-Mount Manual Reset Circuit Breaker with "Push-to-Trip" Option, 32Vdc

Part No. (Amps)	
CB255-10	CB255-30
CB255-15	CB255-35
CB255-20	CB255-40
CB255-25	CB255-50



Installer Assortments & Packaging

Beyond the consumer retail market, automotive technicians appreciate the selection and value of the many Cooper Bussmann assortments that make it easy to have the right replacement on hand to restore power and turn the bay fast.

Each assortment contains the right mix of circuit protection products and ratings to meet a wide variety of service needs.

NO.60LP - Low-Profile ATM Fuses

Assortment contains (60 Fuses):

Contains ten each of ATM-7½LP, 10LP, 15LP, 20LP, 25LP & 30LP.



KM-6LP - ATM Low-Profile Assortment:
7½LP, 10LP, 15LP, 20LP, 25LP, & 30LP



NO.105 - Late Model Automotive Fuse Assortment

Selection of low-profile and regular fuses. Fuses are loosely packed in 12-cavity, shatter-resistant plastic box. Contains:

10 each ATM-7-1/2LP, 10LP, 25LP & 30LP;

15 each ATM-15LP & 20LP;

3 each FMX-20, 30 & 40;

2 each FMX-50 & 60;

3 each FMX-20LP, 30LP & 40LP;

2 each FMX-50LP & 60LP;

2 each MAX-30 & 40;

1 each MAX-20, 50, 60 & 80



Retail Packaging

Cooper Bussmann makes available its circuit protection products and accessories in a variety of retail assortments, bonus packs and emergency kits. Contact your Cooper Bussmann representative for details or go online to www.cooperbussmann.com.

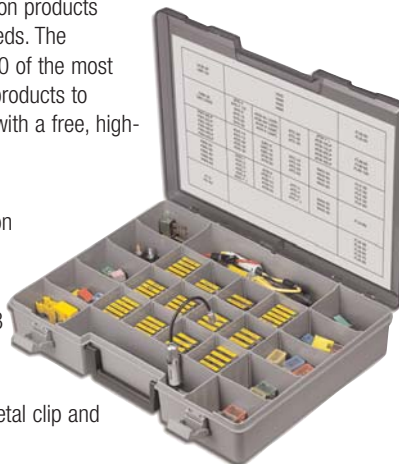


NO.290 - PRO PAK Professional Technician's Assortment

Contains the circuit protection products every service technician needs. The compact case organizes 290 of the most common circuit protection products to restore power fast. Comes with a free, high-power white LED spotlight.

FREE Tech Spotlight

- High-powered white LED on insulated flexible cord
- Locking on/off switch
- Batteries included: 3 AG13 button cell
- High-grade polished aluminum housing with metal clip and magnetic base



NO.290 - PRO PAK Professional Technician's Assortment Contents

- Fuse Assortments: AGA-AL (1, 2, 3, 5 & 7½A), AGA-AH (10, 15, 20 & 30A), AGW-A (5, 7½, 15, 20 & 30A) and AGX-A (5, 8, 20, 25 & 30A)
- AGC glass fuses. One tin each containing five fuses: AGC-1, 2, 3, 4, 5, 7½, 10, 15, 20, 25 & 30A.
- SFE size-rejecting ¼" glass fuses. One tin each containing five fuses: SFE-4, 7½, 9, 14, 20 & 30A.
- GBC German vehicle fuses. One tin each containing five fuses: GBC-8, 16 & 25A.
- ATM blade fuses. One tin of each rating containing five fuses: ATM-5, 7½, 10, 15, 20, 25 & 30A.
- Low-profile ATM blade fuses. One tin each containing five fuses: ATM-7½LP, 10LP, 15LP, 20LP, 25LP & 30LP.
- ATC blade fuses. One tin each containing five fuses: ATC-3, 4, 5, 7½, 10, 15, 20, 25, 30, 35 & 40A.
- Maxi blade fuses. MAX-20, (2)30, (2)40, 50, 60, 70 & 80A.
- FLB bolt-mount fusible links. One each: FLB-40, 50, 60, 70 & 80A.
- FLD bolt-mount fusible link. One FLD-80A.
- FLF female termination fusible links. One each: FLF-20, 30, 40, 50 & 60A.
- FLM male termination fusible links. One each: FLM-60, 80 & 100A.
- FLS female miniature termination fusible links. One each: FLS-30 & 40A.
- FMX female Maxi fusible links. One each: FMX-20, 30, 40, 50 & 60A.
- FMX_LP low-profile female Maxi fuses. One each: FMX-20LP, 25LP, 30LP, 40LP, 50LP & 60LP.
- HHD 30A ATC fuse holder
- HHM 30A ATM fuse holder
- HHN glass tube fuse holder with AGC-30A fuse
- HMK heavy-duty glass tube fuse holder
- CBB-30 Type II 30A ATC blade-type circuit breaker
- CBC-30HB Type I stud-mount 30A circuit breaker with lengthwise bracket
- UCB-20 Universal 20A ATC blade-type circuit breaker
- UCB-30 Universal 30A ATC blade-type circuit breaker
- FT-3 fuse puller/tester, FP-A3 3-way fuse puller

Packaging Specifications

Part Number	Pack Type	Unit Pack		Intermediate Pack		Master Pack	
		UPC Code	Pack Qty.	Bar Code	Pack Qty.	Bar Code	Qty. / Pack
Assortments							
NO.290	Assort	051712199971	1	N/A	N/A	70051712199970	4
NO.105	Assort	051712201841	1	N/A	N/A	70051712201840	5
NO.60LP	Assort	051712629928	1	N/A	N/A	70051712629927	25
KM-6LP	Assort	051712629935	6	30051712629936	5	70051712629934	120
Low-Profile ATM Blade Fuses							
ATM-7-1/2LP	5-in	051712555074	5	30051712555075	100	70051712555073	1000
ATM-10LP	5-in	051712555135	5	30051712555136	100	70051712555134	1000
ATM-15LP	5-in	051712555098	5	30051712555099	100	70051712555097	1000
ATM-20LP	5-in	051712555104	5	30051712555105	100	70051712555103	1000
ATM-25LP	5-in	051712555111	5	30051712555112	100	70051712555110	1000
ATM-30LP	5-in	051712555128	5	30051712555129	100	70051712555127	1000
BP/ATM-10LP-RP	Card	051712201957	1	30051712201958	5	70051712201956	120
BP/ATM-15LP-RP	Card	051712201964	1	30051712201965	5	70051712201963	120
BP/ATM-20LP-RP	Card	051712201971	1	30051712201972	5	70051712201970	120
BP/ATM-25LP-RP	Card	051712201988	1	30051712201989	5	70051712201987	120
BP/ATM-30LP-RP	Card	051712201995	1	30051712201996	5	70051712201994	120
BP/ATM-5LP-RP	Card	051712201933	1	30051712201934	5	70051712201932	120
BP/ATM-7-1/2LP-RP	Card	051712201940	1	30051712201941	5	70051712201949	120
BP/ATM-A6LP-RP	Card	051712173117	1	30051712173118	5	70051712173116	120
High Amp Fuses/Fusible Links							
FMX-20LP	Bag	051712115162	1	30051712115163	10	70051712115161	240
FMX-25LP	Bag	051712115179	1	30051712115180	10	70051712115178	240
FMX-30LP	Bag	051712115186	1	30051712115187	10	70051712115185	240
FMX-40LP	Bag	051712115254	1	30051712115255	10	70051712115253	240
FMX-50LP	Bag	051712115261	1	30051712115262	10	70051712115260	240
FMX-60LP	Bag	051712115315	1	30051712115316	10	70051712115314	240
BP/FMX-20LP-RP	Card	051712182089	1	30051712182090	5	70051712182088	120
BP/FMX-30LP-RP	Card	051712182188	1	30051712182189	5	70051712182187	120
BP/FMX-40LP-RP	Card	051712182201	1	30051712182202	5	70051712182200	120
BP/FMX-50LP-RP	Card	051712182225	1	30051712182226	5	70051712182224	120
BP/FMX-60LP-RP	Card	051712182232	1	30051712182233	5	70051712182231	120
High Amp/Battery Terminal Fuses							
CBBF-30	Bag	051712202183	1	30051712202184	10	70051712202182	100
CBBF-40	Bag	051712202206	1	30051712202207	10	70051712202205	100
CBBF-50	Bag	051712202213	1	30051712202214	10	70051712202212	100
CBBF-60	Bag	051712202220	1	30051712202221	10	70051712202219	100
CBBF-75	Bag	051712202241	1	30051712202242	10	70051712202240	100
CBBF-80	Bag	051712202254	1	30051712202255	10	70051712202253	100
CBBF-90	Bag	051712202268	1	30051712202269	10	70051712202267	100
CBBF-100	Bag	051712202275	1	30051712202276	10	70051712202274	100
CBBF-125	Bag	051712202282	1	30051712202283	10	70051712202281	100
CBBF-150	Bag	051712202299	1	30051712202299	10	70051712202298	100
CBBF-175	Bag	051712202305	1	30051712202306	10	70051712202304	100
CBBF-200	Bag	051712202312	1	30051712202313	10	70051712202311	100
CBBF-225	Bag	051712202329	1	30051712202329	10	70051712202328	100
CBBF-250	Bag	051712202336	1	30051712202337	10	70051712202335	100
CBBF-300	Bag	051712202343	1	30051712202344	10	70051712202342	100
CBBF-MBC	Bag	051712202350	1	30051712202351	10	70051712202359	100
ATM Footprint Mini Devices							
CB22901-1.5	Bag	051712202145	1	30051712202146	10	70051712202144	100
CB22902-68	Bag	051712202152	1	30051712202153	10	70051712202151	100
CB22903-6	Bag	051712202169	1	30051712202169	10	70051712202168	100
CB22903-6V	Bag	051712202176	1	30051712202177	10	70051712202175	100
ATC Footprint Circuit Breakers							
CB227-5	Bag	051712106924	1	30051712106925	10	70051712106923	150
CB227-7-1/2	Bag	051712107266	1	30051712107267	10	70051712107265	150
CB227-10	Bag	051712107662	1	30051712107663	10	70051712107661	150
CB227-15	Bag	051712107778	1	30051712107779	10	70051712107777	150
CB227-20	Bag	051712108089	1	30051712108090	10	70051712108088	150
CB227-25	Bag	051712108645	1	30051712108646	10	70051712108644	150
CB227-30	Bag	051712114189	1	30051712114190	10	70051712114188	150

Part Number	Pack Type	Unit Pack		Intermediate Pack		Master Pack	
		UPC Code	Pack Qty.	Bar Code	Pack Qty.	Bar Code	Qty. / Pack
High Amp Circuit Breakers/Weatherproof Type I - Panel-Mount							
CB251-10	Bag	051712563963	1	30051712563964	10	70051712563962	100
CB251-15	Bag	051712563970	1	30051712563971	10	70051712563979	100
CB251-20	Bag	051712563987	1	30051712563988	10	70051712563986	100
CB251-25	Bag	051712563994	1	30051712563995	10	70051712563993	100
CB251-30	Bag	051712564007	1	30051712564008	10	70051712564006	100
CB251-35	Bag	051712564014	1	30051712564015	10	70051712564013	100
CB251-40	Bag	051712564021	1	30051712564022	10	70051712564020	100
CB251-50	Bag	051712564045	1	30051712564046	10	70051712564044	100
High Amp Circuit Breakers/Weatherproof Type III - Panel-Mount							
CB255-10	Bag	051712564052	1	30051712564053	10	70051712564051	100
CB255-15	Bag	051712564069	1	30051712564069	10	70051712564068	100
CB255-20	Bag	051712564076	1	30051712564077	10	70051712564075	100
CB255-25	Bag	051712629225	1	30051712629226	10	70051712629224	100
CB255-30	Bag	051712629232	1	30051712629233	10	70051712629231	100
CB255-35	Bag	051712629249	1	30051712629249	10	70051712629248	100
CB255-40	Bag	051712629256	1	30051712629257	10	70051712629255	100
CB255-50	Bag	051712629263	1	30051712629264	10	70051712629262	100
High Amp Circuit Breakers/Marine-Rated Type III - Surface-Mount							
CB187F-25	Box	051712637442	1	30051712637443	5	70051712637441	25
CB187F-30	Box	051712637435	1	30051712637436	5	70051712637434	25
CB187F-35	Box	051712637428	1	30051712637429	5	70051712637427	25
CB187F-40	Box	051712637411	1	30051712637412	5	70051712637410	25
CB187F-50	Box	051712637404	1	30051712637405	5	70051712637403	25
CB187F-60	Box	051712637398	1	30051712637399	5	70051712637397	25
CB187F-70	Box	051712637381	1	30051712637382	5	70051712637380	25
CB187F-80	Box	051712637374	1	30051712637375	5	70051712637373	25
CB187F-90	Box	051712637367	1	30051712637368	5	70051712637366	25
CB187F-100	Box	051712637350	1	30051712637351	5	70051712637359	25
CB187F-110	Box	051712637343	1	30051712637344	5	70051712637342	25
CB187F-120	Box	051712637336	1	30051712637337	5	70051712637335	25
CB187F-135	Box	051712637329	1	30051712637329	5	70051712637328	25
CB187F-150	Box	051712637268	1	30051712637269	5	70051712637267	25
High Amp Circuit Breakers/Marine-Rated Type III - Panel-Mount							
CB187P-25	Box	051712539111	1	N/A	N/A	70051712539110	5
CB187P-30	Box	051712539128	1	N/A	N/A	70051712539127	5
CB187P-35	Box	051712539135	1	N/A	N/A	70051712539134	5
CB187P-40	Box	051712539142	1	N/A	N/A	70051712539141	5
CB187P-50	Box	051712539159	1	N/A	N/A	70051712539158	5
CB187P-60	Box	051712539166	1	N/A	N/A	70051712539165	5
CB187P-70	Box	051712539173	1	N/A	N/A	70051712539172	5
CB187P-80	Box	051712539180	1	N/A	N/A	70051712539189	5
CB187P-90	Box	051712539197	1	N/A	N/A	70051712539196	5
CB187P-100	Box	051712539203	1	N/A	N/A	70051712539202	5
CB187P-110	Box	051712539210	1	N/A	N/A	70051712539219	5
CB187P-120	Box	051712539227	1	N/A	N/A	70051712539226	5
CB187P-135	Box	051712539234	1	N/A	N/A	70051712539233	5
CB187P-150	Box	051712539241	1	N/A	N/A	70051712539240	5
ATM Footprint 20 Position Fuse Panel							
RTMF	Box	051712220238	1	N/A	N/A	70051712220230	10
RTMF-SC	Box	051712220239	1	N/A	N/A	70051712220230	10
RTMF-DC	Box	051712220240	1	N/A	N/A	70051712220247	10
Power Distribution Fuse Block							
CBPFM	Box	051712220236	1	N/A	N/A	70051712220230	10
Power Distribution Relay Module							
CBPRM	Box	051712220237	1	N/A	N/A	70051712220230	10

The Driving Force in Automotive Electrical Safety Solutions

Customer Satisfaction Team

Available to answer questions regarding Cooper Bussmann® products & services Monday – Friday, 8:00 a.m. – 4:30 p.m. Central Time.

The Customer Satisfaction Team can be reached via:

- Phone: 636-527-1461 or 636-527-1477
- Toll-free fax: 877-359-2675
- E-mail: bussretail@cooperindustries.com

Application Engineering

Technical assistance is available to all customers. Staffed by degreed engineers, this application support is available Monday – Friday,

8:00 a.m. – 5:00 p.m. Central Time. Contact:

- Phone: 636-527-1270
- Fax: 636-527-1607
- E-mail: fusetech@cooperindustries.com

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Online Resources

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