

Automotive and hardware/home center  
product catalog

**BUSSMANN**  
SERIES

**Circuit protection technology**  
for automotive, home, marine and RVs.



**EATON**

*Powering Business Worldwide*

We offer a large selection of Bussmann series automotive circuit breakers including both OEM-style and fuse-replacement devices.

## High amp circuit breakers

High amp circuit breakers are available for automotive and marine applications in Type I and Type III reset modes. Typically used in auxiliary and accessory circuits for trucks, busses, RVs and boats, they are available in weatherproof/waterproof panel and flush mount versions. They can also be used in battery charging systems that use battery isolators to manage and protect batteries in multi-battery installations.

### 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. These devices are sometimes called "cycling breakers." Type I/Automatic Reset circuit breakers do not address, or correct, overcurrent or fault conditions. They only react by cycling OFF and ON. Any overcurrent or fault condition that causes a Type I circuit breaker to operate should be corrected as soon as possible. Continued vehicle operation with an overcurrent or fault condition (causing the Type I circuit breaker to cycle) is NOT recommended.

### Type II - modified reset

Type II circuit breakers will remain "tripped" by an internal resistor (in the OFF position) as long as 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. These devices are sometimes called "non-cycling breakers."

### Type III - manual reset

Type III 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.

### Mini devices

Transorb, resistor and diode electrical protection devices easily install in common ATM fuse holders and blocks. These circuit protection devices provide voltage and current limiting functionality and are designed for the on- and off-highway requirements of trucks, RVs, construction, agriculture, ATV and material handling equipment.

- **Transorb** - Protects against voltage spikes.

Clamp rating: 27 Vdc  
Power rating: 1500 W

- **Resistor** - Drops circuit voltage.

Power rating: 5 W  
Resistance: 68 Ω

- **Diode** - Prevents reverse current flow.

Amp rating: 6 A



Trad'l pack*	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

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

## ATM footprint circuit breakers

Type I, Type II and Type III circuit breakers match the ATM fuse footprint. Ultra-thin, to fit in tight spaces, they're the smallest automotive circuit breakers on the market and comply with SAE standard J553.

### CB211 Type I ATM circuit breaker



Amps	Trad'l pack*	Retail pack**
7-1/2	CB211-7-1/2	—
10	CB211-10	BP/CB211-10-RP
15	CB211-15	BP/CB211-15-RP
20	CB211-20	BP/CB211-20-RP
25	CB211-25	BP/CB211-25-RP
30	CB211-30	BP/CB211-30-RP

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

\*\* 1 Circuit breaker per pack, 5 packs per shelf carton.

### CB212 Type II ATM circuit breaker



Amps	Trad'l pack*
10	CB212-10
15	CB212-15
20	CB212-20
25	CB212-25
30	CB212-30

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CB233 Type III ATM circuit breaker



Color code	Amps	Trad'l pack*
Tan	5	CB233-05
Brown	7-1/2	CB233-7-1/2
Red	10	CB233-10
Blue	15	CB233-15
Yellow	20	CB233-20
White	25	CB233-25
Green	30	CB233-30

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CB222OS Type II ATM circuit breaker with offset terminals



Amps	Trad'l pack*
05	CB222OS-05
10	CB222OS-10
15	CB222OS-15
20	CB222OS-20
25	CB222OS-25
30	CB222OS-30

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

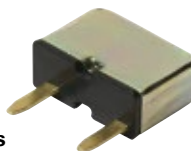
### CB223OS Type III ATM circuit breaker with offset terminals



Amps	Trad'l pack*
05	CB223OS-05
7-1/2	CB223OS-7-1/2
10	CB223OS-10
15	CB223OS-15
20	CB223OS-20
25	CB223OS-25
30	CB223OS-30

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### MMB Type I, wide ATM footprint circuit breaker for GM vehicles



Amps	Trad'l pack*	OEM part no.
15	MMB-15	12135171
20	MMB-20	12135072

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

## ATC footprint circuit breakers

Type I, Type II and Type III circuit breakers match the ATC fuse footprint. They are the thinnest available in the aftermarket and comply with SAE standard J553.

CB227 complies with SAE J553 and SAE J1171 for ignition protection. We also offer the Bussmann series ACB-20, CCB-25, and FCB-20 breakers as replacements for specific OEM applications.

### ACB-20

Type I ATC circuit breaker for GM vehicles



Amps	Trad'l pack*	OEM no.
20	ACB-20	12040816

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CB221

Type I ATC circuit breakers



Amps	Trad'l pack*
7-1/2	CB221-7-1/2
10	CB221-10
15	CB221-15
20	CB221-20
25	CB221-25
30	CB221-30

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CB222

Type II ATC circuit breakers



Amps	Trad'l pack*
10	CB222-10
15	CB222-15
20	CB222-20
25	CB222-25
30	CB222-30

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CB223

Type III ATC circuit breakers



Amps	Trad'l pack*
7-1/2	CB223-7-1/2
10	CB223-10
15	CB223-15
20	CB223-20
25	CB223-25
30	CB223-30

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CB227

Type III ATC low-profile circuit breakers



Color code	Amps	Trad'l pack*
Tan	5	CB227-05
Moss Green	6	CB227-06
Brown	7-1/2	CB227-7-1/2
Red	10	CB227-10
Blue	15	CB227-15
Yellow	20	CB227-20
White	25	CB227-25
Green	30	CB227-30

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CBB-30

Type II ATC circuit breaker



Amps	Trad'l pack*	Retail pack**
30	CBB-30	BP/CBB-30-RP

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CCB-25

Type I ATC circuit breaker for Chrysler vehicles



Amps	Trad'l pack*	OEM no.
CCB-25	CCB-25	4527053

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### FCB-20

Type II ATC circuit breaker for Ford vehicles



Amps	Trad'l pack*	Retail pack	OEM no.
20	FCB-20	BP/FCB-20	D9AB-14526-BA

\* 1 Fuse per pack, 10 packs per shelf carton.  
\*\* 1 Fuse per pack, 5 packs per shelf carton.

### UCB

Type I ATC circuit breakers

UCB breakers feature "snap-off" universal blades to fit tight fuse block spacing or recessed fuse terminals.



Color code	Amps	Trad'l pack*	Retail pack**	Bulk pack***
Plain	6	UCB-6	—	—
Brown	8	UCB-8	—	—
Red	10	UCB-10	BP/UCB-10-RP	BK/UCB-10
Blue	15	UCB-15	BP/UCB-15-RP	BK/UCB-15
Yellow	20	UCB-20	BP/UCB-20-RP	BK/UCB-20
Plain	25	UCB-25	BP/UCB-25-RP	—
Green	30	UCB-30	BP/UCB-30-RP	BK/UCB-30

\* 1 Circuit breaker per pack, 10 packs per shelf carton.  
\*\* 1 Circuit breaker per pack, 5 packs per shelf carton.  
\*\*\* 100 Circuit breakers per pack.

## MAXI footprint circuit breakers

Bussmann series MAXI circuit breakers are the first breakers on the market to match the MAXI fuse footprint and body dimensions.

### CB1911

#### Type I MAXI circuit breakers



Amps	Traditional pack*
10	CB1911-10
15	CB1911-15
20	CB1911-20
25	CB1911-25
30	CB1911-30
35	CB1911-35
40	CB1911-40
50	CB1911-50

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CB1921

#### Type II MAXI circuit breakers



Amps	Traditional pack*
10	CB1921-10
15	CB1921-15
20	CB1921-20
25	CB1921-25
30	CB1921-30

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

## Glass tube footprint breakers

### CBF

#### Type II circuit breakers for glass tube fuse blocks

CBF circuit breakers can be used to replace glass fuses in blocks for 1/4" x 1-1/4" fuses.



Amps	Trad'l pack*	Retail pack**
10	CBF-10	—
15	CBF-15	—
20	CBF-20	BP/CBF-20-RP
25	CBF-25	—
30	CBF-30	BP/CBF-30-RP
35	CBF-35	—
40	CBF-40	—

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

\*\* 1 Circuit breaker per pack, 5 packs per shelf carton.

## Heavy-duty circuit breakers

Ideal for many heavy-duty and truck applications, Bussmann series stud-terminal and quick-connect circuit breakers are available with and without a mounting bracket and comply with SAE standard J553.

### CB123-B

#### Type III 10-32 stud-terminal circuit breakers with crosswise bracket



Amps	Traditional pack*
10	CB123-10B
15	CB123-15B
20	CB123-20B
30	CB123-30B
40	CB123-40B
50	CB123-50B

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CB123-HB

#### Type III 10-32 stud-terminal circuit breakers with lengthwise bracket



Amps	Traditional pack*
10	CB123-10HB
15	CB123-15HB
20	CB123-20HB
30	CB123-30HB
40	CB123-40HB
50	CB123-50HB

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CBC

#### Type I 10-32 stud-terminal circuit breakers



Amps	Traditional pack*
8	CBC-8
10	CBC-10
15	CBC-15
20	CBC-20
25	CBC-25
30	CBC-30
35	CBC-35
40	CBC-40
50	CBC-50

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CBC-B

#### Type I 10-32 stud-terminal circuit breakers with crosswise bracket



Amps	Trad'l pack*	Retail pack**
8	CBC-8B	—
10	CBC-10B	—
15	CBC-15B	—
20	CBC-20B	BP/CBC-20B-RP
25	CBC-25B	—
30	CBC-30B	BP/CBC-30B-RP
35	CBC-35B	—
40	CBC-40B	BP/CBC-40B-RP
50	CBC-50B	BP/CBC-50B-RP

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

\*\* 1 Circuit breaker per pack, 5 packs per shelf carton.

## CBC-BWP

Type I 10-32 stud-terminal weatherproof circuit breakers with crosswise bracket



Amps	Traditional pack*
20	CBC-20BWP
30	CBC-30BWP

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

## CBC-HB

Type I 10-32 stud-terminal circuit breakers with lengthwise bracket



Amps	Traditional pack*	Retail pack**
10	CBC-10HB	—
15	CBC-15HB	—
20	CBC-20HB	BP/CBC-20HB-RP
25	CBC-25HB	—
30	CBC-30HB	BP/CBC-30HB-RP
40	CBC-40HB	BP/CBC-40HB-RP
50	CBC-50HB	BP/CBC-50HB-RP

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

\*\* 1 Circuit breaker per pack, 5 packs per shelf carton.

## CBP-BA

Type I 10-32 stud-terminal circuit breakers with crosswise bracket



Amps	Traditional pack*	Retail pack**
20	CBP-20BA	—
25	CBP-25BA	—
30	CBP-30BA	BP/CBP-30BA-RP
40	CBP-40BA	—
50	CBP-50BA	BP/CBP-50BA-RP

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

\*\* 1 Circuit breaker per pack, 5 packs per shelf carton.

## Splash proof covers

Catalog no.	Description	Pack qty.	Shelf qty.	Master qty.
CB-CVR	Cover for stud terminal circuit breaker	1	10	300
BK/CB-CVR	Cover for stud terminal circuit breaker-BULK	—	100	2000
BP/CB20HB-CVR*	CB123-20HB with cover-retail pack	1	5	120
BP/CB40HB-CVR*	CB123-40HB with cover-retail pack	1	5	120

\* Packed with CB123-20HB and CB123-40HB.



## Quick-connect circuit breakers

For use in trucks, RVs, boats, buses, etc. featuring 1/4" quick-connect terminals for easy installation.

### CB174

Type III panel-mount circuit breakers with 1/4" quick-connect terminals



Amps	Traditional pack*
10	CB174-10
15	CB174-15
20	CB174-20
30	CB174-30

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CBT-M

Type II circuit breakers for Mack® trucks with 1/4" blades on 1" centers



Amps	Traditional pack*
15	CBT-15M
20	CBT-20M
25	CBT-25M
30	CBT-30M

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CBT-N

Type II circuit breakers for Navistar® trucks with 1/4" blades on 1.08" centers



Amps	Traditional pack*
20	CBT-20N
25	CBT-25N
30	CBT-30N

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

### CBU

Type I circuit breaker with 1/4" quick-connect terminals on 0.99" centers with crosswise bracket



Amps	Traditional pack*
30	CBU-30B

\* 1 Circuit breaker per pack, 10 packs per shelf carton.

## High amp circuit breakers

High amp circuit breakers are typically used in auxiliary and accessory circuits for trucks, buses, RVs and marine applications.

### CB181F

Type I waterproof, flush-mount circuit breakers with SEMS nuts installed, 30 Vdc



Amps	Catalog no.*
60	CB181F-60
70	CB181F-70
80	CB181F-80
90	CB181F-90
100	CB181F-100
110	CB181F-110
120	CB181F-120
135	CB181F-135
150	CB181F-150

\* 1 Circuit breaker per box, 20 boxes per master carton.

### CB184F

Type III waterproof, flush-mount, manual reset circuit breakers with SEMS nuts installed, 48 Vdc



Amps	Catalog no.*
25	CB184F-25
30	CB184F-30
35	CB184F-35
40	CB184F-40
50	CB184F-50
60	CB184F-60
70	CB184F-70
80	CB184F-80
90	CB184F-90
100	CB184F-100
110	CB184F-110
120	CB184F-120
135	CB184F-135
150	CB184F-150

\* 1 Circuit breaker per box, 20 boxes per master carton.

### CB185

Type III switchable, waterproof, flush-mount manual reset circuit breakers with 1/4-28 threaded stud terminals with SEMS nuts installed, and black reset lever, 48 Vdc



Amps	Catalog no.*	Retail pack**
25	CB185-25	—
30	CB185-30	—
35	CB185-35	—
40	CB185-40	—
50	CB185-50	BP/CB185-50
60	CB185-60	—
70	CB185-70	BP/CB185-70
80	CB185-80	BP/CB185-80
90	CB185-90	—
100	CB185-100	BP/CB185-100
110	CB185-110	—
120	CB185-120	BP/CB185-120
135	CB185-135	BP/CB185-135
150	CB185-150	BP/CB185-150

\* 1 Circuit breaker per box, 20 boxes per master carton.

\*\* 1 Circuit breaker per pack, 4 packs per shelf carton.

All high amp circuit breakers comply with the SAE J1171 standard for ignition protection and have applications in battery charging systems that use battery isolators to manage and protect batteries in multi-battery installations. Offered in flush-mount or panel-mount.

### CB185P

Type III switchable, panel-mount, manual reset circuit breakers with SEMS nuts installed, 48 Vdc



Amps	Catalog no.*
25	CB185P-25
30	CB185P-30
35	CB185P-35
40	CB185P-40
50	CB185P-50
60	CB185P-60
70	CB185P-70
80	CB185P-80
90	CB185P-90
100	CB185P-100
110	CB185P-110
120	CB185P-120
135	CB185P-135
150	CB185P-150

\* 1 Circuit breaker per box, 20 boxes per master carton.

### CB285F

Type III switchable, waterproof, flush-mount manual reset circuit breakers with M6 threaded stud terminals with stainless steel nuts and washers installed, and yellow reset lever, 42 Vdc

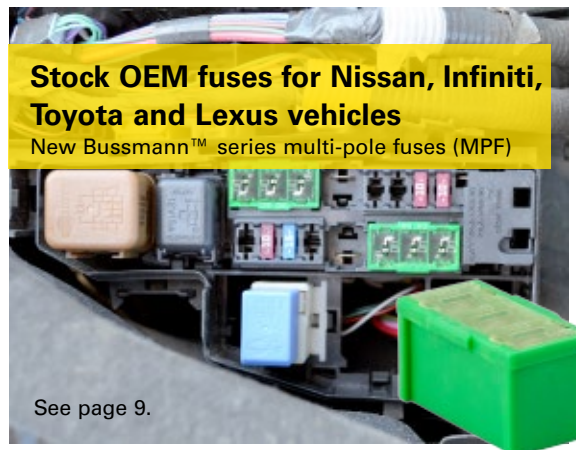


Amps	Catalog no.*
30	CB285F-30
40	CB285F-40
50	CB285F-50
60	CB285F-60
70	CB285F-70
80	CB285F-80
90	CB285F-90
100	CB285F-100
120	CB285F-120
150	CB285F-150

\* 1 Circuit breaker per box, 20 boxes per master carton.

## Stock OEM fuses for Nissan, Infiniti, Toyota and Lexus vehicles

New Bussmann™ series multi-pole fuses (MPF)



See page 9.

See page 31 for marine-rated circuit breakers.

We offer a complete line of Bussmann series flashers that meet SAE standards for a variety of vehicles. To select the proper replacement flasher, match these three specifications:

- **Specific versus variable load.** Specific load flashers flash only a certain number of lamps. Variable load flashers handle a range of amps, such as when pulling a trailer.
- **Lamp capacity.** Designates the total number of lamps in the circuit for the left or right directional signal.
- **Number of terminals.** Select the number of blades to match the socket in the panel.

### Thermal flashers



NO.535      NO.550      NO.552      NO.575      NO.577  
Extra Loud

### Heavy-duty electronic flashers



NO.243      NO.244      NO.246      NO.726      NO.727      NO.756, 757, 758, 759, 760



NO.761      NO.762      NO.763 and 764      NO.850      NO.852

### Super heavy-duty electronic flashers



NO.232      NO.233      NO.234

### LED flashers



NO-727-LED      NO-750-LED      NO-758-LED



NO-760-LED      NO-762-LED

### Thermal and electronic 12 and 24 Vdc flashers

Trad'l pack*	Retail pack**	Flasher type	No. of terminals	Volts	Amps	Number of bulbs
NO.535	—	Thermal	3	6	5.2	2-6
NO.550	BP/550-RP	Thermal	3	12	12.8	2-6
NO.552	BP/552-RP	Thermal	2	12	12.8	2-6
NO.575	BP/575-RP	Thermal	2	12	12.8	1-8
NO.577	BP/577-RP	Therm./ex. loud	2	12	14	2-6
NO.243	—	H-D electronic	2	12	25	12
NO.244	—	H-D electronic	3	12	25	12
NO.246	—	H-D electronic	3	12	25	Alternating
NO.726	BP/726-RP	H-D electronic	4	12	12.6	2-4
NO.727	BP/727-RP	H-D electronic	5	12	12.6	2-4
NO.756	BP/756-RP	H-D electronic	3	12	12.6	2-6
NO.757	BP/757-RP	H-D electronic	3	12	12.6	2-6
NO.758	BP/758-RP	H-D electronic	3	12	12.6	2-6
NO.759	BP/759-RP	H-D electronic	3	12	12.6	3-6
NO.760	BP/760-RP	H-D electronic	3	12	12.6	2-6
NO.761	BP/761-RP	H-D electronic	3	12	12.6	2-6
NO.762	BP/762-RP	H-D electronic	4	12	12.6	3-6
NO.763	—	H-D electronic	2	12	12	16
NO.764	—	H-D electronic	2	12	12	20
NO.850	—	H-D electronic	3	12	25	10HZ/5TS
NO.852	—	H-D electronic	2	12	35	16HZ/8TS
NO.232	BP/232-RP	S-D electronic	2	12	20	1-10
NO.233	BP/233-RP	S-D electronic	3	12	20	1-10
NO.234	BP/234-RP	S-D electronic	3	24	20	1-10

\* 1 Flasher per pack, 10 packs per shelf carton.

\*\* 1 Flasher per pack, 5 packs per shelf carton.

### LED flashers

Trad'l pack*	No. of terminals	Volts	Amps	Number of LED lamps
NO-727-LED	5	12.8	12.6	2-6
NO-758-LED	3	12.8	12.6	2-6
NO-759-LED	3	12.8	12.6	3-6
NO-760-LED	3	12.8	12.6	2-4
NO-762-LED	3	12.8	12.6	2-6

\* 1 Flasher per pack, 10 packs per shelf carton.

### Lighting control modules (LCM)

Trad'l pack*	No. of terminals	Volts	Amps	Rated load range	Rated voltage
NO-455	10	12.8	2.1	1 to 6 SAE #1156 lamps	11 to 15 Vdc
NO-468	9	12.8	2.1	1 to 6 SAE #1156 lamps	11 to 15 Vdc
NO-470	5	12.8	2.1	Fixed 2 for lamps 4 for hazards	11 to 15 Vdc
NO-487	8	12.8	2.1	1 to 6 SAE #1156 lamps	11 to 15 Vdc

\* 1 LCM per pack, 10 packs per shelf carton.

### Lighting control modules (LCM)



NO-455      NO-468



NO-470      NO-487

**Rejection base plug fuses**

The rejection base threads prevent installing a larger amp fuse, e.g., a 30 amp fuse cannot be installed in a 20 amp receptacle.

**Type S**

**125 Vac dual-element, time-delay, rejection base plug fuses**

UL and CSA heavy-duty S fuses are for use in air conditioners, furnace blower motors, swimming pool pumps, deep freezers or where motors frequently turn ON and OFF. The S rejection base plug fuse is an industrial strength product and provides superior protection that will resist nuisance openings under repeated motor startups. Available in a wide amp range to permit exact sizing to motor load.



Amps	Catalog no.*	Retail pack**
11/4	S-11/4	BP/S-11/4
16/10	S-16/10	BP/S-16/10
2-1/2	S-2-1/2	—
3-2/10	S-3-2/10	BP/S-32/10
3-1/2	S-3-1/2	—
4	S-4	—
5	S-5	—
6-1/4	S-6-1/4	BP/S-6-1/4
7	S-7	—
8	S-8	BP/S-8
10	S-10	BP/S-10
12	S-12	BP/S-12
15	S-15	BP/S-15
20	S-20	BP/S-20
25	S-25	BP/S-25
30	S-30	BP/S-30

\* 4 Fuses per box.  
\*\* Less than 15 amps, 1 fuse per pack; 15 to 30 amps, 2 fuses per pack, 5 packs per shelf carton.

**Type SL**

**125 Vac time-delay, rejection base plug fuses**

SL fuses for residential motor circuits in kitchens, workshops, garages and utility rooms.

Amps	Catalog no.*	Retail box*	Retail pack**
15	SL-15	SL-15PK4	BP/SL-15
20	SL-20	SL-20PK4	BP/SL-20
25	SL-25	SL-25PK4	BP/SL-25
30	SL-30	SL-30PK4	BP/SL-30

\* 4 Fuses per box.  
\*\* 3 Fuses per pack, 5 packs per shelf carton.



See page 48 for available emergency kits.

**Type SA**

**Fustat adapters for using S and SL rejection plug fuses in Edison base sockets**

SA adapters convert Edison base receptacles to accept a rejection base fuse. SA adapters limit the fuse amp rating that can be installed to protect circuits from being overfused and are available in a variety of sizes to deliver the desired fuse rejection.

Amp range	Catalog no.*	Retail pack**
1 or less	SA-1	—
1.25 or less	SA-1-1/4	—
1.6 or less	SA-1-6/10	—
3.5 to 6.25	SA-6-1/4	—
7 to 15	SA-15	BP/SA-15
20	SA-20	BP/SA-20
20 to 30	SA-30	BP/SA-30

\* 4 SA Adapters per box.  
\*\* 3 SA Adapters per pack, 5 packs per shelf carton.



See page 48 for available assortment.

**CSA Edison base plug fuses**

The base is the same as a light bulb base. All sizes fit the same fuse receptacle.



**Type TC**

**125 Vac CSA Type D dual-element time-delay Edison base plug fuses**

Heavy duty TC fuses are used for residential motor circuits in kitchens, workshops, garages and utility rooms.



See page 48 for available emergency kits.

Amps	Retail box*	Retail pack**
15	TC-15PK4	BP/TC-15
20	TC-20PK4	BP/TC-20
25	TC-25PK4	BP/TC-25
30	TC-30PK4	BP/TC-30

\* 4 Fuses per box.  
\*\* 2 Fuses per pack, 5 packs per shelf carton.

**Type P**

**125 Vac CSA Type P dual-element one-time Edison base plug fuses**

Medium-duty P fuses are used for non-inductive loads such as lighting and heating circuits.



See page 48 for available emergency kits.

Amps	Retail box*	Retail pack**
15	P-15PK4	BP/P-15
20	P-20PK4	BP/P-20
25	P-25PK4	BP/P-25
30	P-30PK4	BP/P-30

\* 4 Fuses per box.  
\*\* 2 Fuses per pack, 5 packs per shelf carton.

**Type CP/MB**

**125 Vac CSA Edison base circuit breakers**

For replacing Edison base plug fuses in residential fuse panels. Not for use in box cover units.



Amps	Retail pack*
15	CP/MB-15
20	CP/MB-20

\* 1 Circuit breaker per pack, 5 packs per shelf carton.