# Type I – Automatic Reset

Cycles or continuously resets until the fault is corrected. Type I circuit breakers are typically used to protect circuits which occasionally experience momentary overloads such as wiper motor and headlamp circuits where a self resetting device is preferred.

# Type II – Modified Reset

Non-cycling, remains in open position while there is power to the circuit. Resets when ignition is turned off. Type II circuit breakers are typically used in applications where fuse replacement is objectionable, such as power window, seat and sunroof circuits.

#### Type III – Manual Reset

Manually resettable circuit breakers remain in the open position until a button, lever or other external reset device is manually depressed. Type III circuit breakers are typically used in applications where a manual reset is desired for safe diagnosis of a circuit fault.



#### MINI® Circuit Breakers

#### **Standard Mini Footprint Circuit Breakers:**

Designed to fit in a MINI® Blade fuse block or panel. SAE Type II used primarily as a wiring harness protector in 12 volt DC automotive systems. Conforms to SAE J553C standard.

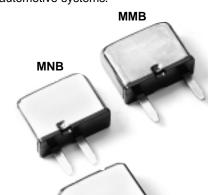
Bulk Part No.	US & Canadian Carded No.	Amp Rating	
MIB 5	MIB 5 BP	5	
MIB 10	MIB 10 BP	10	
MIB 15	MIB 15 BP	15	
MIB 20	MIB 20 BP	20	
MIB 25	MIB 25 BP	25	
MIB 30	MIB 30 BP	30	



#### **Wide Mini Footprint Circuit Breakers:**

Direct factory replacement for many domestic OEM applications. Designed to fit either in an ATO® or MINI® Blade fuse block or panel. Their blade configuration is of the MINI design and fit in a standard ATO fuse slot or across two MINI slots. Available in either SAE Type I cycling or SAE Type II non-cycling used primarily as a wiring harness protector in 12 volt DC automotive systems. Conforms to SAE J553C standard.

Bulk Part No.	US Carded No.	Amp Rating	Typical Application	OEM No.					
Cycling Design – Type I									
MMB 15	MMB 15 BP	15	Heavy Truck Headlamp	GM# 12135171					
MMB 20	MMB 20 BP	20	Automotive Headlamp	GM# 12135072					
Non-Cycling Design – Type II									
MNB 10	MNB 10 BP	10	Heavy Duty Truck	GM# 12135162					
MNB 15	MNB 15 BP	15	Heavy Duty Truck	GM# 12135164					
MNB 20	MNB 20 BP	20	Automotive/Heavy Truck	GM# 12077861					
MNB 25	MNB 25 BP	25	Automotive/Heavy Truck	GM# 12077862					
			•	GM# 12088575					
MNB 30	MNB 30 BP	30	Automotive/Heavy Truck	GM# 12077863					



**CCB** 

ACB FCB

### **Specialty OEM Circuit Breakers**

Direct factory replacement for many domestic OEM vehicles. SAE Type I and Type II modified reset used primarily as a wiring harness protector in 12 volt DC automotive systems. Conforms to SAE J553C standard. Designed to mount in ATO style fuse blocks and panels.

Bulk Part No.	US Carded No.	Canadian Carded No.	Amp Rating	Typical Application	OEM No.	Breaker Type
ACB 20	ACB 20 BP	ACB 20 CABP	20	Automotive Headlamp	GM# 12040816	Type I
ACB 30	ACB 30 BP	ACB 30 CABP	30	Power Windows, & Locks	GM# 01252240 Chrysler# 83507005	Type II
FCB 20	FCB 20 BP	FCB 20 CABP	20	Power Windows	Ford# D9AB-14526-BA	Type II
CCB 25	CCB 25 BP	CCB 25 CABP	25	Headlamps, Power Windows, Seats & Locks	Chrysler# 4527053	Type I



# **Mouser Electronics**

**Authorized Distributor** 

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# Littelfuse:

<u>0MIB030.X</u> <u>0MNB030.X</u> <u>0MIB020.X</u> <u>0MMB020.X</u> <u>0MNB020.X</u> <u>0MNB025.X</u> <u>0MNB025.X</u> <u>0MNB015.X</u> <u>0MNB015.X</u> <u>0MOB015.X</u> <u>0MOB015.X</u> <u>0MOB015.X</u> <u>0MOB015.X</u> <u>0MOB010.X</u> <u>0MOB010.X</u> <u>0MOB010.X</u> <u>0MOB010.X</u> <u>0ACB020.X</u> <u>0ACB0</u>