

# Circuit Breakers

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## 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.

Additional information: [littelfuse.com/CircuitBreakers](http://littelfuse.com/CircuitBreakers)

## Type II • Modified Reset

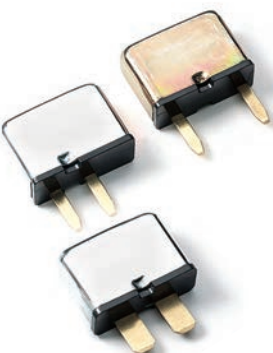
Non-cycling, remains in open position while there is power to the circuit. Resets when ignition is turned off. Type II circuit breakers are typically used in applications where fuse replacement is objectionable, such as power window, seat and sunroof circuits.

## 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® 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 12V DC automotive systems. Conforms to SAE J553C standard.



CURRENT RATING (A)	PART NUMBERS	
	BULK	BOXED
10	30419-10	—
15	30419-15	30419-15-BX
20	30419-20	30419-20-BX
25	30419-25	30419-25-BX

### 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 12V DC automotive systems. Conforms to SAE J553C standard.

CURRENT RATING (A)	BOXED	APPLICATION	CYCLING	NON-CYCLING
	MATERIAL NUMBER			
15	0MMB015.X	Heavy Truck Headlamp	•	
20	0MMB020.X	Automotive Headlamp	•	
10	0MNB010.X	Heavy Duty Truck		•
15	0MNB015.X	Heavy Duty Truck		•
20	0MNB020.X	Automotive/Heavy Truck		•
25	0MNB025.X	Automotive/Heavy Truck		•
30	0MNB030.X	Automotive/Heavy Truck		•

### Specialty OEM ATO® Footprint 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 12V DC automotive systems. Conforms to SAE J553C standard. Designed to mount in ATO style fuse blocks and panels.



CURRENT RATING (A)	BOXED	CARDED	APPLICATION	OEM PART NUMBER
	MATERIAL NUMBER	MATERIAL NUMBER		
20	—	0ACB020.XP	Automotive Headlamp	GM# 12040816
30	—	0ACB030.XP	Power Windows, & Locks	GM# 01252240
20	0FCB020.X	0FCB020.XP	Power Windows	Ford# 83507005
25	0CCB025.X	0CCB025.XP	Windows, Seats & Locks	Ford# D9AB-14526-BA Chrysler# 4527053

### Fuse Clip Circuit Breakers

Direct replacement for many OEM applications. Designed for glass fuses without physical alteration in the system. Fits 1-1/4" fuse clips. SAE Type II non-cycling used primarily as a wiring harness protector in 12V DC automotive systems. Conforms to SAE J553C standard.



CURRENT RATING (A)	PART NUMBERS	
	BULK	BOXED
10	-	30410-10-BX
15	30410-15	30410-15-BX
20	30410-20	30410-20-BX
25	30410-25	30410-25-BX
30	30410-30	30410-30-BX