Your Global Partner
in Lighting Solutions

CIRCUIT BREAKER

High Quality
Rapid Delivery
Personal Service

599 Bond Street, Lincolnshire, IL 60069-4226
(847) 821-1199;(800) 572-4168;(847) 821-1133 (Fax)
www.ceclighting.com

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CIRCUIT BREAKER

CEC INDUSTRIES LTD.

Form #892 06/2004

Heavy Duty Circuit Breakers

CB100

CB100 Heavy Duty Plug-In

* Replaces OE part # 12040816
* Case Size: 0.83"L X 0.69"H X 0.40"W (21.25mm X 17.74mm X 10.24mm)
* Available in 20, 30 Amp Design
* Type I Circuit Breaker

CB120

CB120 Fuse Clip Mounting

* Replaces 3AG (AGC) and SFE glass fuses
* Snap-In Mounting in standard fuse clip
* Case size: 1.263"L X 0.519"H X 0.417"W (32.08mm X 10.58mm X 13.17mm)
* Available in 10, 15, 20, 25, 30, 35, 40 Amp Design
* Type II Circuit Breaker

CB125

CB125 Heavy Duty Stud Terminals

* Two # 10-32 stud terminals, with hex nuts & washers supplied
* Case size: 1.257"L X 0.609"H X 0.82"W (31.93mm X 15.48mm X 20.85mm)
* Available in 10, 15, 20, 25, 30, 40, 50 Amp Design
* Type I Circuit Breaker

CB128

CB128 Heavy Duty Stud Terminals

* Two # 10-32 stud terminals
* Case size: 1.091"L X 0.63"H X 0.402"W (27.72mm X 16mm X 10.22mm)
* Available in 10, 15, 20, 25, 30, 40 Amp Design
* Type I Circuit Breaker

CB129

CB129 Heavy Duty Stud Terminals

* Two # 10-32 stud terminals
* Case size: 1.091"L X 0.63"H X 0.402"W (26.90mm X 16mm X 10.20mm)
* Available in 10, 15, 20, 25, 30, 40 Amp Design
* Type I Circuit Breaker

CB130

CB130 Heavy Duty Stud Terminals / Cross Wise Mounting Bracket

* Two # 10-32 stud terminals, with hex nuts & washers supplied
* Bracket mounting holes are 1.25" / 39.62mm on center
* Case Size: 1.259"L X 0.652"H X 0.838"W (31.99mm X 16.56mm X 21.28mm)
* Available in 10, 15, 20, 25, 30, 40, 50 Amp Design
* Type I Circuit Breaker

CB133

CB133 Heavy Duty Stud Terminals / Cross Wise Mounting Bracket

* Two # 10-32 stud terminals, with hex nuts & washers supplied
* Bracket mounting holes are 1.25" / 39.62mm on center
* Case Size: 1.259" X 0.652" X 0.838" (31.99mm X 16.56mm X 21.28mm)
* Available in 10, 15, 20, 25, 30, 35, 40, 50 Amp Design
* Type I Circuit Breaker

Form #892 06/2004

Heavy Duty Circuit Breakers

CB135

CB135 ***Heavy Duty Stud Terminals / Length Wise Mounting Bracket***

* Two # 10-32 stud terminals, with hex nuts & washers supplied
* Case size: 1.250"L X 0.609"H X 0.818"W (31.76mm X 14.47mm X 20.78 mm)
* Available in 10, 15, 20, 25, 30, 40, 50 Amp Design
* Type I Circuit Breaker

CB140

CB140 ***Fuse Clip Mounting***

* Fuse clip replaces glass fuses in 1/4" X 1 1/4" fuse block.
* Case size: 1.08"W X 0.613"H X 0.40"D (27.44 X 15.59 X 10.31)
* Available in 10, 15, 20, 30, 40 Amp Design
* Type II Circuit Breaker

CB145

CB145 ***Fuse Clip Mounting***

* Fuse clip replaces glass fuses in 1/4" X 7/8" fuse block.
* Case size: 1.08"L X 0.613"H X 0.40"W (27.44mm X 15.59mm X 10.31mm)
* Available in 10, 15, 20, 30, 40 Amp Design
* Type II Circuit Breaker

CB150

CB150 ***Plug-In Circuit Breaker***

* Two blade terminals, 1.08" (26.70mm) on center
* Case size: 1.264"L X 0.454"H X 0.522"W (32.12mm X 11.53mm X 13.28mm)
* Available in 5, 10, 15, 20, 25, 30 Amp Design
* Type II Circuit Breaker

CB155

CB155 ***Heavy Duty Plug-In***

* Plug-in Universal circuit breaker
* Replaces ATC / ATO
* Terminals are grooved for snap off adjustment with pliers
* Case Size: 0.83"L X 0.70"H X 0.418"W (21.31mm X 17.80mm X 10.63mm)
* Available in 08, 10, 15, 20, 25, 30 Amp Design
* Type I Circuit Breaker

CB160

CB160 ***Blade Terminal***

* Two blade terminals, 1.08" (26.70mm) on center
* Case size: 1.281"L X 0.612"H X 0.805W" (32.54mm X 15.56mm X 20.46mm)
* Available in 10, 15, 20, 25, 30, 40, 50 Amp Design
* Type I Circuit Breaker

CB165

CB165 ***Blade Terminal***

* Two blade terminals, 1.08" (26.70mm) on center
* Case size: 1.281"L X 0.612"H X 0.805"W (32.54mm X 15.56mm X 20.46mm)
* Available in 10, 15, 20, 25, 30, 40 Amp Design
* Type I Circuit Breaker

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CEC INDUSTRIES LTD.

CEC Industries LTD

NEW CIRCUIT BREAKER

Air Conditioning Circuit

Thermal Limiting Fuse for GM Compressor Application

CB110

CB 151 Series | **New Circuit Breaker**

Amp Capacity Available: 10, 15, 20, 25, 30 AMP.

Type II Circuit Breaker similar to CB 150

All Circuit Breakers comply with SAE J553.

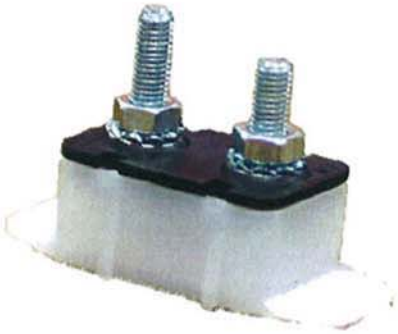
Description

Plug-In Circuit Breaker.
Fits Mack Truck Breaker Blocks
Blade Terminals on 1.00" (25.40mm) centers.

CEC INDUSTRIES LTD.

CEC Industries LTD

CB 137 Series — New Circuit Breaker



Amp Capacity Available: 10, 15, 20, 25, 30, 40, 50 AMP.

Type I Circuit Breaker Plastic Case Version of CB135

All Circuit Breakers comply with SAE J553.

Description

Plastic Case Design:
Length Wise Mounting Bracket
Two #10-32 stud terminals with hex nuts & washers supplied.

CB 190 Series — New Circuit Breaker

Amp Capacity Available: 70, 80, 90 AMP.

All Circuit Breakers comply with SAE J553.

Type I Circuit Breaker

Description

Plastic Case Design:
Two Hole Mounting Bracket Moulded in Case
Two HD # 1/4' x28 UNF stud terminals with hex nuts & washers supplied.

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March 1, 2009

To All CEC Sales Agents:

Subject: New Circuit Breaker UPC Codes.

Packaged: 1 per Box, refer to new item announcement for weights & dimensions.

Part Number	UPC Code		
CB137-10	01427	104168	6
CB137-15	01427	104169	3
CB137-20	01427	104170	9
CB137-25	01427	104171	6
CB137-30	01427	104172	3
CB137-40	01427	104173	0
CB137-50	01427	104174	7
CB151-10	01427	104176	1
CB151-15	01427	104177	8
CB151-20	01427	104178	5
CB151-25	01427	104179	2
CB151-30	01427	104180	8
CB190-70	01427	104165	5
CB190-80	01427	104166	2
CB190-90	01427	104167	9

If you have any questions or comments please let Ken or I know.

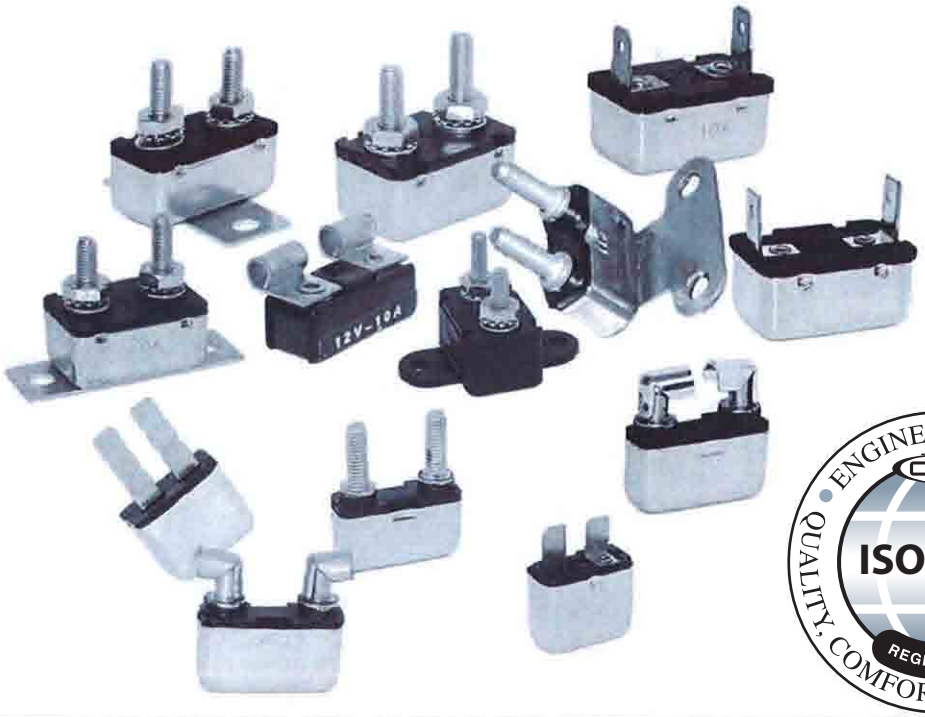
Thank you,

Michelle Draper

Michelle Draper
Sales Coordinator

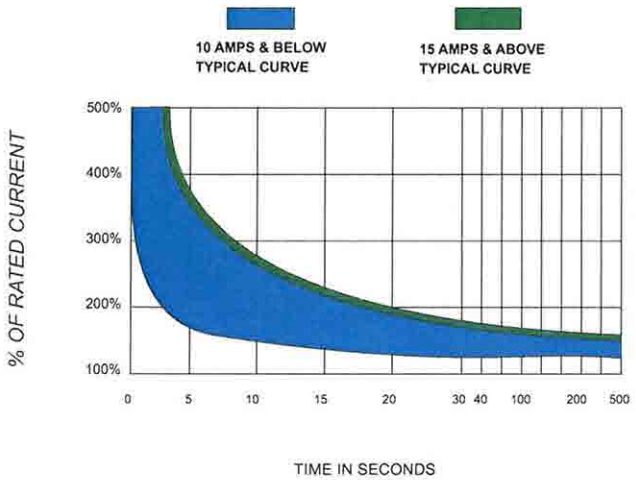
CEC INDUSTRIES LTD.

ELECTRICAL INFORMATION
for Circuit Breaker

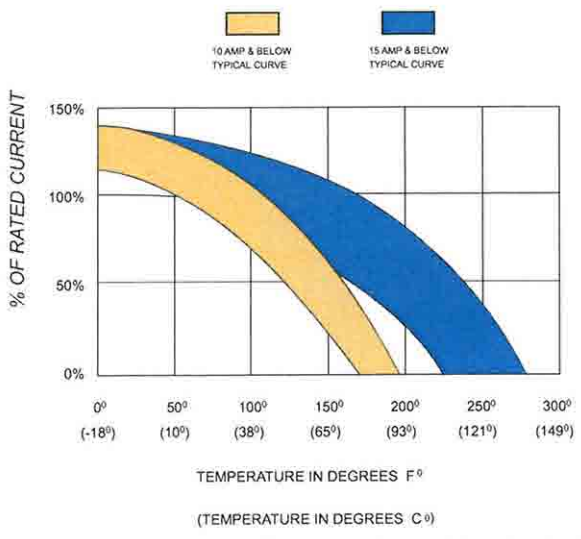


ENGINEERED FOR QUALITY, COMFORT AND RELIABILITY
CEC
ISO9001
REGISTERED

TIME VS. PERCENT OF RATED CURRENT



TEMPERATURE DERATING CURVES



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FAQ: CIRCUIT BREAKERS

What is a Circuit Breaker?

A circuit breaker is an overcurrent protective device that is responsive to electric current and to temperature. These circuit breakers are either externally mounted in their own enclosures or internally mounted in switches or other control devices.

TYPE I CIRCUIT BREAKER-AUTOMATIC RESET

Circuit Breaker automatically resets after opening. If the fault still exists, the breaker will continue to cycle between ON and OFF positions until the overload is corrected. These devices are sometimes called "cycling breakers." The benefits of a Type I circuit breaker are simplicity of design, lower cost as a component; nothing to reset after a trip event.

TYPE II CIRCUIT BREAKER-MODIFIED RESET

The Circuit breaker will remain open (in the off position) as long as there is power to the circuit due to an internal resistor. Type II breakers can be reset by turning off the circuit, or by turning off the ignition switch. These devices are sometimes called "non-cycling breakers." A benefit of Type II circuit breakers is that they can be reset from any point in the same circuit where power switching is possible, they are less likely to drain storage batteries before fault is detected and corrected.

TYPE III CIRCUIT BREAKER-MANUAL RESET

The Circuit breaker will remain open (in the OFF position) until an indicator button or lever is manually reset. Type III breakers are also available with a switchable feature which allows you to use an external button to disable the circuit.

By using a Type III circuit breaker it will be highly unlikely to cause damage to wiring or interfaces from long term fault exposure. This also enables the operator to have a sense of control and awareness over electrical systems.

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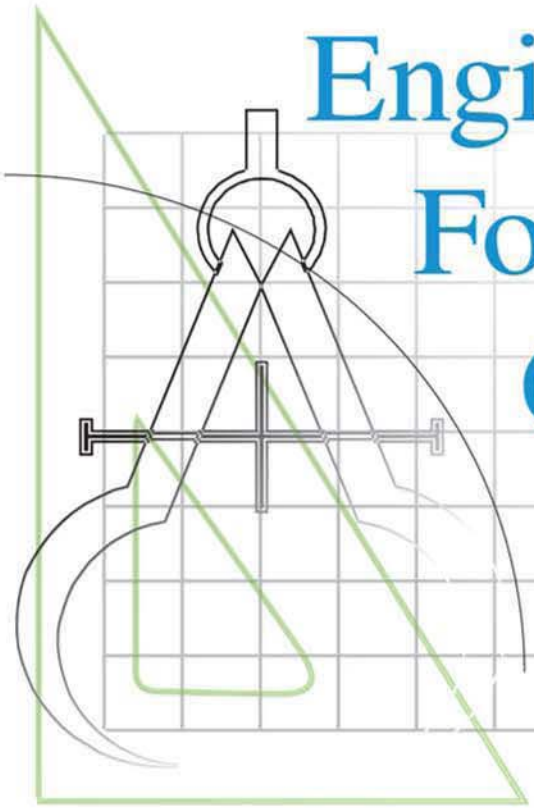

Engineered For Quality Comfort & Reliability

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