

Circuit Breakers

Circuit Breakers (Stud Terminal)

- Universal • 2 x #10-32 Stud Terminals
- Conforms to SAE J553

Temperature Ratings:
Operating: -23°C (-9°F) to 65°C (149°F)
Storage: -29°C (-20°F) to 93°C (199°F)

Note: Contrary to the Auto & Manual Reset versions, where a 24V Circuit Breaker can be used in a 12V application, the specified voltage of a Modified Reset Circuit Breakers must match the voltage of the application. For example, 12V Circuit Breakers for 12V applications.



Metal Housing



- Auto Reset • 6-24VDC

Amperage	Part# (Prev. P#)
6A	766681
8A	766682
10A	766683
15A	766684 (766013)
20A	766685 (766014)
25A	766686 (766015)
30A	766687 (766016)
40A	766688
50A	766689



- Modified Reset • 12VDC

Amperage	Part#
6A	766708
8A	766709
10A	766710
15A	766711
20A	766712
25A	766713
30A	766714
40A	766715
50A	766716



- Manual Reset • 6-24VDC

Amperage	Part#
6A	766735
8A	766736
10A	766737
15A	766738
20A	766739
25A	766740
30A	766741
40A	766742
50A	766743

Metal Housing with 'Inline' Mounting Bracket



- Auto Reset • 6-24VDC

Amperage	Part#
6A	766690
8A	766691
10A	766692
15A	766693
20A	766694
25A	766695
30A	766696
40A	766697
50A	766698



- Modified Reset • 12VDC

Amperage	Part#
6A	766717
8A	766718
10A	766719
15A	766720
20A	766721
25A	766722
30A	766723
40A	766724
50A	766725



- Manual Reset • 6-24VDC

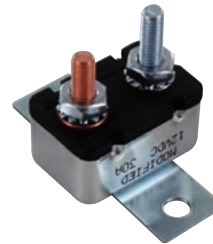
Amperage	Part#
6A	766744
8A	766745
10A	766746
15A	766747
20A	766748
25A	766749
30A	766750
40A	766751
50A	766752

Metal Housing with 90° (Cross) Mounting Bracket



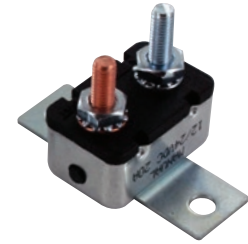
- Auto Reset • 6-24VDC

Amperage	Part# (Prev. P#)
6A	766699
8A	766700
10A	766701 (766034)
15A	766702 (766030)
20A	766703 (766031)
25A	766704 (766032)
30A	766705 (766033)
40A	766706
50A	766707



- Modified Reset • 12VDC

Amperage	Part#
6A	766726
8A	766727
10A	766728
15A	766729
20A	766730
25A	766731
30A	766732
40A	766733
50A	766734



- Manual Reset • 6-24VDC

Amperage	Part#
6A	766753
8A	766754
10A	766755
15A	766756
20A	766757
25A	766758
30A	766759
40A	766760
50A	766761

Circuit Breakers/Protection, Fuses/Fuse Products

CIRCUIT BREAKERS/PROTECTION | FUSES/FUSE PRODUCTS



Understanding Type 1, Type 2 & Type 3 Circuit Breakers

Type 1	Automatic Reset	Cycles continuously during a current overload. The composite alloy material will bend & separate the contacts when an overcurrent situation occurs and return to the run mode as it cools. This process will continue until the source of the overload is removed or corrected.
Type 2	Modified Reset	Unlike Type 1, Type 2 circuit breakers have an additional resistive component built into it that raises the ambient temperature within the circuit breaker. This limits the number of cycles (less than 10) by not allowing the composite alloy to cool and reset the circuit. The circuit will remain open with less than 1A current flow as long as voltage is applied.
Type 3	Manual Reset	Introduces a non-current carrying object between the contacts when the contacts are open. To reset the contacts, an external button or lever must be activated to return to normal operation.

Quick Disconnect Blade Terminals or Stud Terminals... which connection is better for your application?

Terminal Type	Description	Typical Applications
Quick Disconnect/Blade Terminals	2 x .250" Tab	Buses, Conversions, Off-Road, RV. Also known as "Plug-In Circuit Breakers"
Stud Terminals with Lock Washer & Nut	2 x #10-32	High vibration and cramped areas

Metal Housing or Plastic Housing

SHORTING OUT: If a wire should loosen from a terminal on a circuit breaker made with a plastic housing, it will not short-circuit against the housing as it could do with a circuit breaker made with a metal housing.

VIBRATION: Plastic housings with mounting brackets are one-piece molded and are less prone to vibration. Metal housings with mounting brackets are of two-piece design where the bracket is attached by spot welding and can be loosened by constant vibration.

WEIGHT: Circuit breakers made with plastic housings versions weigh less than those made of metal housing.

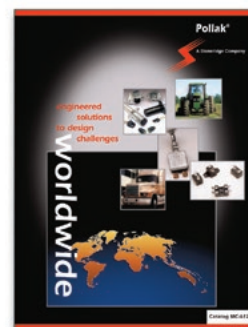
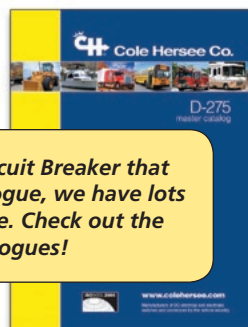
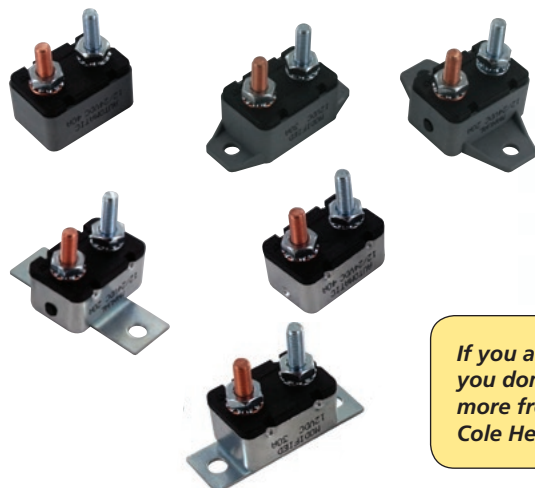
Typical Applications for Circuit Breakers

- Accessory Circuits
- Door locks
- Sunroof
- Trailer package
- Cooling fans
- Headlamps
- Tail lamps
- Window Lifts

***NEW**

What's New?

- High Amperage Circuit Breakers, Surface Mount
- Expanded offering on:
- Circuit Breakers (Stud Terminal)



If you are looking for a Circuit Breaker that you don't see in this catalogue, we have lots more from which to choose. Check out the Cole Hersee or Pollak catalogues!