

UL 489 & UL 1077 Miniature Circuit Breakers

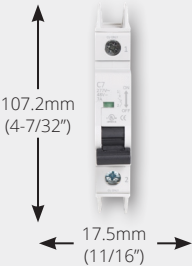
The Safest Circuit Breaker in the Industry!



Solutions

Best Protection. Best Value!

Our UL 489 & UL 1077 Miniature Circuit Breakers are the safest in the industry and offer efficient, flexible, user-friendly design and functionality.



Compact Design

17.5mm wide per pole construction for reduced panel size, allowing for smaller control panels.



Industry-Leading Short Circuit Rating

10kA @ 480Y/277V short circuit rating on all current ranges – the highest interruption rating available in the market.



Full-Range Circuit Protection

Available in single pole, two pole, and three pole constructions and includes both thermal and magnetic trip elements for overload and short circuit protection.

OPERATING CURRENT	
DESCRIPTION	
0.5A	
1.0A	
1.6A	
2.0A	
3.0A	
4.0A	
5.0A	
6.0A	
7.0A	
10A	10A
13A	13A
15A	15A
16A	16A
20A	20A
25A	25A
30A	30A
32A	32A
40A	40A
50A	50A
63A	63A

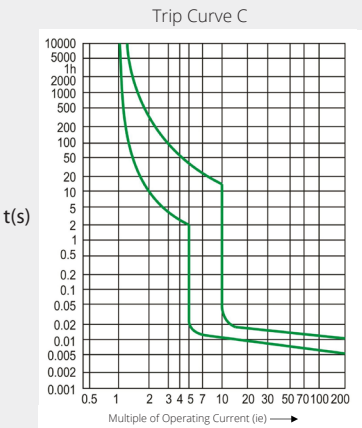
Application Range & Flexibility

Up to 21 unique operating current configurations from 0.5 to 63A and flexible for use in both AC and DC applications.



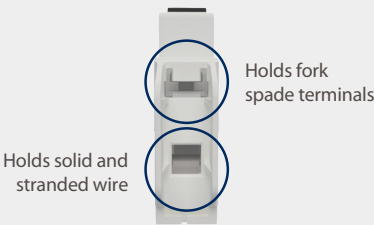
Trip-Free Design

Holding the operating handle in the ON position will not prevent the MCB from tripping.



Dual Trip Curve

C trip curves have a low thermal trip delay and a mid-range trip function while D trip curves have a high thermal trip delay and a very high magnetic trip point.



Easy Wiring

Captive screws and box lug design terminals for hassle-free and flexible wiring. Dual style terminals accept stranded wire 2.08mm² - 26.67mm² (#14 - #3 AWG) and busbar stabs, and are IP20 guarded against accidental contact with live parts.



Easy Installation

35mm DIN rail mounting for fast and easy installation and removal.

Range

The Perfect Range of Miniature Circuit Breakers.

Our UL 489 branch circuit breakers and UL 1077 supplementary protectors offer a wide range of pole sizes, amperage ranges, and trip curves – providing superior performance and flexible application environments.



UL 489 BRANCH CIRCUIT BREAKERS

- 17.5mm wide per pole construction
- Includes both thermal and magnetic trip elements
- Single pole, two pole, and three pole
- Operating current configurations from 0.5 to 63 Ampere
- Flexible for both AC and DC applications
- Dual Trip Curves C & D



UL 1077 SUPPLEMENTARY PROTECTORS

- 17.5mm wide per pole construction
- Includes both thermal and magnetic trip elements
- Single pole, two pole, three pole
- Operating current configurations from 0.5 to 63 Ampere
- Flexible for both AC and DC applications
- Three trip curve options: B, C & D

Performance & Safety

Engineered to a Higher Standard – Delivering the Safest Circuit Breaker in the Industry!

ATC Diversified's line of MCB Series UL 489 & UL 1077 Miniature Circuit Breakers provide reliable short circuit and overload protection for all your branch and downstream device circuit protection.



Proven

Our MCB Series Miniature Circuit Breakers are UL Listed and Recognized, and CE marked to meet global standards requirements and are compliant to RoHS directives.

Best Protection.
Best Value!



Short Circuit Current Rating

10kA @ 480Y/277V short circuit current rating on all constructions.



Visible Markings & Status Indication

High visibility labels and markings can be seen from the front and side of the device for easy installation. Color-coded status window for clear visual of the breaker status (Green = Tripped, Red = ON).



Added Safety

Line and load side IP20 guarded finger-safe terminals prevent accidental contact with live parts.

GET THE MOST OUT OF OUR COMPLETE LINE OF MINIATURE CIRCUIT BREAKERS.

Download resources, request a catalog, and configure products!

SHOP NOW:

www.ATCDiversified.com