

UL 489 & UL 1077 Miniature Circuit Breakers

The Safest Circuit Breaker in the Industry!

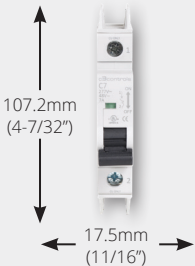
series
1100



Solutions

Best Protection. Best Value! Same-Day Shipping Guaranteed!

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

VI. OPERATING CURRENT		
CODE	DESCRIPTION	
C50	0.5A	
D10	1.0A	
D16	1.6A	
D20	2.0A	
D30	3.0A	
D40	4.0A	
D50	5.0A	
D60	6.0A	
D70	7.0A	
D80	8.0A	
U10	10A	U10 10A
U13	13A	U13 13A
U15	15A	U15 15A
U16	16A	U16 16A
U20	20A	U20 20A
U25	25A	U25 25A
U30	30A	U30 30A
U32	32A	U32 32A
U40	40A	U40 40A
U50	50A	U50 50A
U63	63A	U63 63A

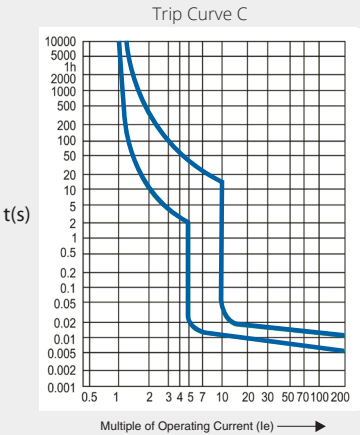
Application Range & Flexibility

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



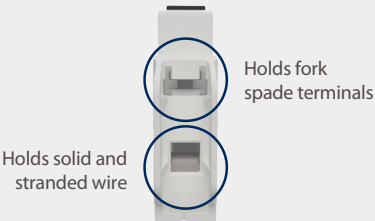
Trip-Free Design

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 0.8mm² - 26.67mm² (#18 - #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.



Guaranteed Same-Day Shipping

525 Unique catalog numbers all available for guaranteed same-day shipping on orders placed by 6pm ET.

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, single pole + neutral, two pole, three pole, and three pole + neutral
- 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, single pole + neutral, two pole, three pole, and three pole + neutral
- Operating current configurations from 0.5 to 63 Ampere
- Flexible for both AC and DC applications
- Three trip curve options: B, C & D



ACCESSORIES & BUS BARS

- Snap-on accessories are easily installed without the use of tools, further the bus bars also help lower assembly and installation costs.
- Side mounted auxiliary contacts for remote status indication of device connection and a version with an alarm to indicate device tripped.
- Shunt-trip module for remote tripping and an under voltage module for protection against voltage dips and swells.
- Lock-off attachment when used with apadlock ensures the security necessary during maintenance activities.
- To eliminate wiring hassle, choose the suitable bus bar based on breaker type.

Performance & Safety

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

c3controls' line of Series 1100 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 Series 1100 Miniature Circuit Breakers are UL Listed and Recognized, and CE marked to meet global standards requirements and are compliant to RoHS directives.

Guaranteed Same-Day Shipping



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.c3controls.com/mcb



c3controls

Copyright © 2021 c3controls. All Rights Reserved.
724.775.7926 | www.c3controls.com

REVISION 12.2022