

# Bulletin 140U-D Molded Case Circuit Breaker



**Allen-Bradley**

Reduce Your Panel Space with a Smaller Footprint

## Features and Benefits

### Advantages

- Small footprint of 45W x 102H x 85D mm saves panel space
  - up to 50% footprint reduction vs traditional MCCBs
- Offers higher interrupting rating of 65 kA at 480Y/277V may allow higher overall panel short circuit rating acc. NEC
  - Up to 6 times higher interrupting rating vs traditional miniature circuit breakers

### Features

- UL489 Circuit Breaker
- Current limiting
- High interrupting rating
- 0.5...30 A range
- 2- & 3-pole devices
- 100% rated up to 15A
- Suitable for backfeeding at 240V and 480Y/277V

### Ideal Applications

- Feeder Circuits
  - Small cabinets
  - Distribution panels
  - Branch circuit protection
  - Transformers
  - Heaters
- Control Circuits
  - Control transformers
  - Power supplies
- Heating, air conditioning and refrigeration (HACR)
- Switching duty (SWD; 15 & 20 A)
- High-intensity-discharge (HID; 0.5...25 A)



1.78 in (45 mm)

## Overview

The Bulletin 140U-D circuit breaker is a UL489 listed circuit breaker for global applications. The current limiting circuit breaker provides fixed short circuit and overcurrent protection and offers high interrupting ratings for 2- and 3-pole devices.

Accessories are designed to be field-installed. The compact busbars and feeder blocks reduce wiring errors and installation cost. Connection modules for the 100-C contactors simplify wiring and can reduce the number of DIN Rails required, compacting panel space even farther.

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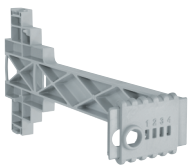
## Product Selection

### Thermal-Magnetic, Fixed Thermal-Fixed Magnetic

Rated Current $I_n$ [A]	Magnetic Trip [A] Im	Breaking Capacity (50 Hz)						Interrupting Rating (60 Hz)			2 Pole Cat. No. ⚡	3 Pole Cat. No. ⚡
		[kA]						[kA]				
		400...415V		525V		690V		240V	480Y/277V	600Y/347V		
		Icu	Ics	Icu	Ics	Icu	Ics					
0.5	15...20xIn	100	65	65	65	50	50	100	100	50	140U-D6D2-A50	140U-D6D3-A50
1	15...20xIn	100	65	65	65	50	50	100	100	50	140U-D6D2-B10	140U-D6D3-B10
2	15...20xIn	100	65	65	65	18	10	100	100	50	140U-D6D2-B20	140U-D6D3-B20
3	15...20xIn	100	65	65	65	18	10	100	100	50	140U-D6D2-B30	140U-D6D3-B30
4	15...20xIn	100	65	65	65	18	10	100	100	50	140U-D6D2-B40	140U-D6D3-B40
5	15...20xIn	100	65	65	65	18	10	100	100	50	140U-D6D2-B50	140U-D6D3-B50
6	15...20xIn	100	65	65	65	18	10	100	100	50	140U-D6D2-B60	140U-D6D3-B60
8	15...20xIn	100	65	65	65	10	6	100	100	50	140U-D6D2-B80	140U-D6D3-B80
10	15...20xIn	100	65	65	65	10	6	100	100	50	140U-D6D2-C10	140U-D6D3-C10
12	15...20xIn	65	50	65	50	10	6	65	65	25	140U-D6D2-C12	140U-D6D3-C12
15	15...20xIn	65	50	65	50	10	6	65	65	25	140U-D6D2-C15	140U-D6D3-C15
20	15...20xIn	65	50	65	50	10	6	65	65	25	140U-D6D2-C20	140U-D6D3-C20
25	15...20xIn	65	50	65	25	10	6	65	65	25	140U-D6D2-C25	140U-D6D3-C25
30	15...20xIn	65	50	65	25	10	6	65	65	25	140U-D6D2-C30	140U-D6D3-C30

‡ Up to 15A suitable for continuous operation at 100% of rating only if used in a cubicle space of 250 x 175 x 150 mm (10 x 7 x 6 inch)  
Suitable for backfeeding up to 480Y/277V at the ratings shown above.

## Accessories 140U

Description			For use with	Cat. No.
	<b>Load terminal cover</b> For UL489 compliance of front mount auxiliary contacts when installed on 140U-D	Package quantity: 10	140M-C-AF	140M-C-AFC
	<b>Three-Phase Compact Busbar 45mm spacing</b> 64A max. continuous current 45mm spacing	2 connections	140U-D__3	140U-D-W452
		3 connections	140U-D__3	140U-D-W453
		4 connections	140U-D__3	140U-D-W454
		5 connections	140U-D__3	140U-D-W455
	<b>Feeder Terminal for compact busbar</b> 64A max. continuous current		140U-D-W	140U-D-WTE
	<b>Eco Connection Module - 25A</b> Eco-loadfeeders mount on single DIN Rail (140U on DIN Rail) Electrical and mechanical interconnection of 140U and 100-C (with AC coils or 12 and 24V DC electronic coils) contactors		140U-D__3 to 100-C09...23	140U-D-PEC23
	<b>Flexible Wire Module - 32A</b> Contactor and 140U are separately mounted		140U-D__3 to 100-C09...43	140U-D-PF
	<b>Extension Shaft Support</b> <ul style="list-style-type: none"><li>Provides consistent alignment of the 140M-C-DS and 140M-C-DSL shafts with the 140M-CDN66 or 140M-C-DRY66 door coupling handles.</li><li>It is recommended for shaft lengths &gt; 200 mm.</li><li>Snaps on the right side of the 140M-C, -D, -F, or 140U-D and allows for the addition of one side-mounted auxiliary contact. Width 9mm.</li><li>For use with screw-mounted or hat rail-mounted devices.</li></ul>		140M-C, D, F; 140U-D	140M-C-SHS

For further accessories suitable for 140U-D, technical data and dimensions please visit [www.ab.com/catalogs](http://www.ab.com/catalogs)

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