Migration Solutions

Bulletin 140M to 140MT Motor Protection Circuit Breaker and Motor Circuit Protectors
Bulletin 140U to 140UT Molded Case Circuit Breakers

Why Upgrade or Migrate

With the introduction of the Bulletin 140MT Motor Protection Circuit Breaker and Motor Circuit Protectors and the Bulletin 140UT Molded Case Circuit Breaker, Rockwell Automation announces the discontinuation of the existing 140M (C- and D-frame) and 140U (D-frame) Products by February of 2022.

We will continue to serve our customers with the balance of the 140M that is F-frame up to 45A.

New Product Overview

- 140MT C-frame is up to 32A and 140MT D-frame is extending current range up to 40A
- 140UT products are very compact UL 489 and IEC 60947-2 MCCB up to 40A
- Higher short circuit ratings and application coverage (tap conductor protection and Type E ratings) for 140MT D-frame
- Improved thermal performance compared to existing product line (lower heat loss)
- Different product variants (MCP, High inrush version, D9V for application at output of Drives) are covered by single frame size (D).
- Lockable knob and anti-tamper shield as standard offering for 140MT D-frame
- Connecting modules and Combination SCCR tested with 100-E, 100-C and 100-K contactors
- Back feeding capability for 140MT and 140UT Core i3

140M C- and D-frame, and 140U → 140MT C- and D-frame, and 140UT

ACTIVE* → ACTIVE MATURE → END OF LIFE → DISCONTINUED

Mitigate and Reduce the Risks of Automation Obsolescence

Rockwell Automation understands that your Motor Protection Circuit Breakers, Motor Circuit Protectors and Molded Case Circuit Breakers are critical assets in your automation system, and we support that by providing you with the latest technology to maximize your investment. New technologies can improve and extend the operation of existing equipment and provide an immediate boost to productivity. By migrating from your legacy 140M and 140U product to new 140MT and 140UT products, you can help to decrease downtime and optimize operations well into the future.

We will help you to meet this demand to innovate by proactively planning and managing your transition every step of the way to help you get the highest possible return on your automation investment.

*ACTIVE: Most current offering within a product category.

ACTIVE MATURE: Product is fully supported, but a newer product or family exists. Gain value by migrating.

END OF LIFE: Discontinued date announced – actively execute migrations and last time buys. Product generally orderable until the discontinued date.[1]

DISCONTINUED: New product no longer manufactured or procured.[2] Repair/exchange services may be available.

[1] Outages on specific items may occur prior to the Discontinued date.

[2] Limited stock may be available in run-out mode, regionally.

140M to 140MT Catalog Number Conversion

NOTE: Cross reference tables between existing and new product can be Direct* or Functional** or Engineered*** replacement depending on voltage ratings, short circuit ratings, application ratings and how existing 140M products are installed or applied. Please refer to technical data publication 140-TD005 for additional information. 140M F-frame products and their associated accessories remain active.

140M-C Existing	140MT-C New product
140M-C2E-A16	140MT-C3E-A16
140M-C2E-A25	140MT-C3E-A25
140M-C2E-A40	140MT-C3E-A40
140M-C2E-A63	140MT-C3E-A63
140M-C2E-B10	140MT-C3E-B10
140M-C2E-B16	140MT-C3E-B16
140M-C2E-B25	140MT-C3E-B25
140M-C2E-B40	140MT-C3E-B40
140M-C2E-B63	140MT-C3E-B63
140M-C2E-C10	140MT-C3E-C10
140M-C2E-C16	140MT-C3E-C16
140M-C2E-C20	140MT-C3E-C20[1]
140M-C2E-C25	140MT-C3E-C25[1]
140M-C2E-C29	140MT-C3E-C29[1]
140M-C2E-C32	140MT-C3E-C32[1]

[1] Refer to Tech data for change in short circuit ratings at 480V and 600V

140M-D Existing	140MT-D New product
-	140MT-D9E-A63
-	140MT-D9E-B10
-	140MT-D9E-B16
140M-D8E-B25	140MT-D9E-B25
140M-D8E-B40	140MT-D9E-B40
140M-D8E-B63	140MT-D9E-B63
140M-D8E-C10	140MT-D9E-C10
140M-D8E-C16	140MT-D9E-C16
140M-D8E-C20	140MT-D9E-C20
140M-D8E-C25	140MT-D9E-C25
140M-D8E-C29	140MT-D9E-C29
140M-D8E-C32	140MT-D9E-C32
-	140MT-D9E-C36
-	140MT-D9E-C40
140M-D8V-B16	140MT-D9V-B16
140M-D8V-B25	140MT-D9V-B25
140M-D8V-B40	140MT-D9V-B40
140M-D8V-B63	140MT-D9V-B63
140M-D8V-C10	140MT-D9V-C10
140M-D8V-C16	140MT-D9V-C16
140M-D8V-C20	140MT-D9V-C20
140M-D8V-C25	140MT-D9V-C25
140M-D8V-C29	140MT-D9V-C29
140M-D8V-C32	140MT-D9V-C32
-	140MT-D9V-C36
-	140MT-D9V-C40

140U-D Existing	140UT-D New
2 Pole	2 Pole
140U-D6D2-A50	140UT-D7D2-A50
140U-D6D2-B10	140UT-D7D2-B10
140U-D6D2-B20	140UT-D7D2-B20
140U-D6D2-B30	140UT-D7D2-B30
140U-D6D2-B40	140UT-D7D2-B40
140U-D6D2-B50	140UT-D7D2-B50
140U-D6D2-B60	140UT-D7D2-B60
140U-D6D2-B80	140UT-D7D2-B80
140U-D6D2-C10	140UT-D7D2-C10
140U-D6D2-C12	140UT-D7D2-C12
140U-D6D2-C15	140UT-D7D2-C15
140U-D6D2-C20	140UT-D7D2-C20[2]
140U-D6D2-C25	140UT-D7D2-C25[2]
140U-D6D2-C30	140UT-D7D2-C30[2]
-	140UT-D7D2-C35[2]
-	140UT-D7D2-C40[2]
3 Pole	3 Pole
140U-D6D3-A50	140UT-D7D3-A50
140U-D6D3-B10	140UT-D7D3-B10
140U-D6D3-B20	140UT-D7D3-B20
140U-D6D3-B30	140UT-D7D3-B30
140U-D6D3-B40	140UT-D7D3-B40
140U-D6D3-B50	140UT-D7D3-B50
140U-D6D3-B60	140UT-D7D3-B60
140U-D6D3-B80	140UT-D7D3-B80
140U-D6D3-C10	140UT-D7D3-C10
140U-D6D3-C12	140UT-D7D3-C12
140U-D6D3-C15	140UT-D7D3-C15
140U-D6D3-C20	140UT-D7D3-C20[2]
40U-D6D3-C25	40UT-D7D3-C25[2]
140U-D6D3-C30	140UT-D7D3-C30[2]
-	140UT-D7D3-C35[2]
-	140UT-D7D3-C40[2]

[2] Does not have 600V ratings

Definition of replacement categories:
*Direct Replacement (DR): a product that can be used in place of an earlier product without any user modifications or adjustments. A direct replacement provides backward compatible form, fit and function by emulating the earlier product.
**Functional Replacement (FR): a product or family that can be used to replace an earlier product or family and emulates the old one with minimal changes to an existing application. A functional replacement means that there is a form, fit or function change, but that it is backward compatible.
***Engineered Replacement (ER): a product or family that can be used to migrate an earlier product or family and requires engineering changes to existing applications. An engineered replacement means that there is a form, fit or function change of the application that is not backward compatible and that does not emulate the earlier product.

140M to 140MT Catalog Number Conversion

140M High Inrush version	140MT High Inrush version
140M-C2T-A16	140MT-D9T-A16
140M-C2T-A25	140MT-D9T-A25
140M-C2T-A40	140MT-D9T-A40
140M-C2T-A63	140MT-D9T-A63
140M-C2T-B10	140MT-D9T-B10
140M-C2T-B16	140MT-D9T-B16
140M-C2T-B25	140MT-D9T-B25
140M-C2T-B40	140MT-D9T-B40
140M-C2T-B63	140MT-D9T-B63
140M-C2T-C10	140MT-D9T-C10
140M-C2T-C16	140MT-D9T-C16
140M-D8T-C16	
140M-D8T-C20	140MT-D9T-C20
-	140MT-D9T-C25

140M MCP Version	140MT MCP Version
140M-C2N-A16	140MT-D9N-A16
140M-C2N-A25	140MT-D9N-A25
140M-C2N-A40	140MT-D9N-A40
140M-C2N-A63	140MT-D9N-A63
140M-C2N-B10	140MT-D9N-B10
140M-C2N-B16	140MT-D9N-B16
140M-C2N-B25	140MT-D9N-B25
140M-D8N-B25	
140M-D8N-B40	140MT-D9N-B40
140M-D8N-B63	140MT-D9N-B63
140M-D8N-C10	140MT-D9N-C10
140M-D8N-C16	140MT-D9N-C16
140M-D8N-C25	140MT-D9N-C25
140M-D8N-C32	140MT-D9N-C32
-	140MT-D9N-C36
-	140MT-D9N-C40

140M Screwless version	140MT w/ Screw Terminal
140M-RC2E-A16	140MT-C3E-A16
140M-RC2E-A25	140MT-C3E-A25
140M-RC2E-A40	140MT-C3E-A40
140M-RC2E-A63	140MT-C3E-A63
140M-RC2E-B10	140MT-C3E-B10
140M-RC2E-B16	140MT-C3E-B16
140M-RC2E-B25	140MT-C3E-B25
140M-RC2E-B40	140MT-C3E-B40
140M-RC2E-B63	140MT-C3E-B63
140M-RC2E-C10	140MT-C3E-C10
140M-RC2E-C16	140MT-C3E-C16

Multipack	140MT w/ Screw Terminal
140M	Single Pack
140MT	140MT-C3E-A25
140M-C2E-B10M	140MT-C3E-B10
140M-C2E-B16M	140MT-C3E-B16
140M-C2E-B25M	140MT-C3E-B25
140M-C2E-B40M	140MT-C3E-B40
140M-C2E-B63M	140MT-C3E-B63
140M-C2E-C10M	140MT-C3E-C10
140M-C2E-C16M	140MT-C3E-C16
140M-C2E-C20M	140MT-C3E-C20
140M-C2E-C25M	140MT-C3E-C25
140M-C2T-C10M	140MT-D9T-C10
140M-C2T-C16M	140MT-D9T-C16
140M-D8N-C25M	140MT-D9N-C25
140M-D8E-B40M	140MT-D9E-B40
140M-D8E-B63M	140MT-D9E-B63
140M-D8E-C10M	140MT-D9E-C10

140M to 140MT Catalog Number Conversion

NOTE: 140M accessories will remain available for use with 140M F-frame motor protection circuit breakers and motor circuit protectors

Auxillary Contacts		
140M	140MT	Functional options
140M-C-AFA01	140MT-C-AFA11	-
140M-C-AFA02	Not available	140MT-C-ASA02
140M-C-AFA10	140MT-C-AFA10	-
140M-C-AFA11	140MT-C-AFA11	-
140M-C-AFA20	140MT-C-AFA20	-
140M-C-AFAR10A01	140MT-C-AFAR10A01	-
140M-C-AFAR10A10	140MT-C-AFAR10A10	-
140M-C-ASA02	140MT-C-ASA02	-
140M-C-ASA11	140MT-C-ASA11	-
140M-C-ASA20	140MT-C-ASA20	-
140M-C-ASAM11	Not available	140MT-C-AFAR10M10
140M-C-ASAR01M01	Not available	-
140M-C-ASAR01M10	Not available	140MT-C-AFAR01A10
140M-C-ASAR10M01	Not available	-
140M-C-ASAR10M10	Not available	140MT-C-AFAR10M10
140M-RC-AFA10	Not available	140MT-C-AFA10
140M-RC-AFA01	Not available	140MT-C-AFA11
140M-RC-AFA11	Not available	-
140M-RC-AFA20	Not available	140MT-C-AFA20
140M-RC-AFAR10A01	Not available	140MT-C-AFAR10A01
140M-RC-AFAR10A10	Not available	140MT-C-AFAR10A10

Shunt Trip Release	
140M	140MT
140M-C-SNA	140MT-C-SNA
140M-C-SNB	140MT-C-SNB
140M-C-SND	140MT-C-SND
140M-C-SNF	140MT-C-SNF
140M-C-SNH	Not available
140M-C-SNJ	140MT-C-SNK
140M-C-SNK	Not available
140M-C-SNKD	Not available
140M-C-SNM	Not available
140M-C-SNN	140MT-C-SNN
140M-C-SNT	140MT-C-SNT
140M-C-SNVC	Not available
140M-C-SNX	Not available
140M-C-SNZJ	140MT-C-SNZJ

Undervoltage Release	
140M	140MT
140M-C-UXA	140MT-C-UXA
140M-C-UXB	140MT-C-UXB
140M-C-UXD	140MT-C-UXD
140M-C-UXF	140MT-C-UXF
140M-C-UXH	Not available
140M-C-UXJ	Not available
140M-C-UXK	140MT-C-UXK
140M-C-UXKD	Not available
140M-C-UXM	Not available
140M-C-UXN	140MT-C-UXN
140M-C-UXT	Not available
140M-C-UXVC	Not available
140M-C-UXC	140MT-C-UXD

Undervoltage Release		
With early make contacts		Without early make contacts
140M	140MT	Functional options
140M-C-UCA	Not available	140MT-C-UXA
140M-C-UCB	Not available	140MT-C-UXB
140M-C-UCD	Not available	140MT-C-UXD
140M-C-UCF	Not available	140MT-C-UXF
140M-C-UCH	Not available	-
140M-C-UCJ	Not available	-
140M-C-UCK	Not available	140MT-C-UXK
140M-C-UCN	Not available	140MT-C-UXN
140M-C-UCT	Not available	-
140M-C-UCVC	Not available	-
140M-C-UCX	Not available	-
140M-C-UCM	Not available	-
140M-C-UCC	Not available	140MT-C-UXD

140M to 140MT Catalog Number Conversion

Other Installation Accessories	
140M	**140MT**
140M-C-CA	140MT-C-CA
140M-C-DFCN	140MT-C-DFCN
140M-C-DFCRY	140MT-C-DFCRY
140M-C-DN66	140MT-C-DN66
140M-C-DNC	140MT-C-DNC
140M-C-DRY66	140MT-C-DRY66
140M-C-DS	140MT-C-DS
140M-C-DSL	140MT-C-DSL
140M-C-KN1	140MT-C-KN
140M-C-KRY1	140MT-C-KRY
140M-C-M3	140MT-C-M3
140M-C-N45	140MT-C-N45
140M-C-SHS	140MT-C-SHS
140M-SB	140MT-SB
140M-SY	140MT-SY
140M-S1	140MT-S1
140M-S2	140MT-S2
140-KBH2	140MT-KBH
-	140MT-C-DSS
140M-C-TE1	140MT-C-TE

Busbars & Connecting Modules	
140M	**140MT**
140U-D-W452	140UT-D-W452
140U-D-W453	140UT-D-W453
140U-D-W454	140UT-D-W454
140U-D-W455	140UT-D-W455
140U-D-WTE	140UT-D-WTE
140U-D-PEC23	140UT-D-PEC23
140M-C-AFC	Not required for 140UT
140U-D-PF	Not available

Busbars & Connecting Modules	
140M	**140MT**
140M-C-W452N	140MT-C-W452
140M-C-W453N	140MT-C-W453
140M-C-W454N	140MT-C-W454
140M-C-W455N	140MT-C-W455
140M-C-W542N	140MT-C-W542
140M-C-W543N	140MT-C-W543
140M-C-W544N	140MT-C-W544
140M-C-W545N	140MT-C-W545
140M-C-WBE	140MT-C-WBE
140M-C-WSN	140MT-C-WSN
140M-C-WTN	140MT-C-WTEN
140M-C-WTEN	
140M-C-PEC23	140MT-C-PEC23
140M-C-PEC23A	Not available
140M-C-PEC23M	140MT-C-PEC23
140M-C-PEK12	140MT-C-PEK12
140M-C-PEK12M	140MT-C-PEK12
140M-C-PKC23	140MT-C-PNC23 + 140MT-C-PSC23
140M-C-PKC23M	Not available
140M-C-PNC23	140MT-C-PNC23
140M-C-PNC23M	140MT-C-PNC23
140M-C-PSC23	140M-C-PSC23
140M-C-PSC23M	
140M-D-PEC23	140MT-D-PEC23
140M-D-PNC23	140MT-D-PNC23
140M-D-PNC37	140MT-D-PNC37
140M-D-PKC23	140MT-D-PNC23 + 140MT-C-PSC23

For More Information

To better understand your options, contact your local authorized Allen-Bradley distributor or Rockwell Automation sales office or visit: rok.auto/modernization.

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