Migration Solutions

Bulletin 140M to 140MT Motor Protection Circuit Breaker and Motor Circuit Protectors

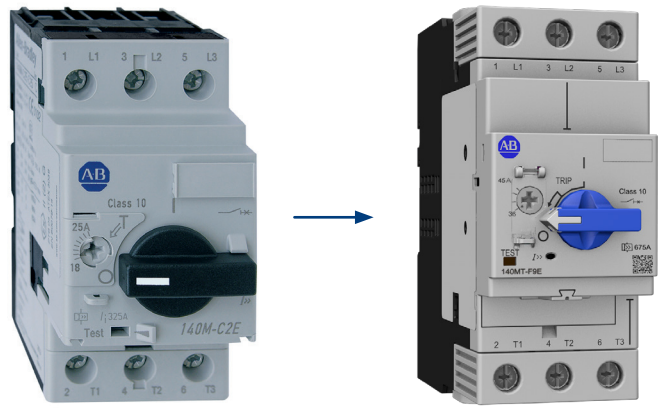
Bulletin 140U to 140UT Molded Case Circuit Breakers

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- , D- and F-frame) and 140U (D-frame) Products.

New Product Overview

- 140MT C-frame has a current range up to 32A. The 140MT D-frame has a current range up to 40A. The 140MT-F is extending current range up to 45A.
- 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) and for 140MT F-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 and 140MT-F frame types.
- 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, D and F Frame, and 140U

140MT C,D and F Frame, and 140UT

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.*

Allen-Bradley
by ROCKWELL AUTOMATION

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-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]
140U-D6D3-C25	140UT-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

140MT F-frame Migration

140M-F Existing	Current Range [A]	140MT-F New Product	Current Range [A]
140M-F8E-C10	6.3 - 10	140MT-F9E-C12	9 - 12
140M-F8E-C16	10 - 16	140MT-F9E-C16	12 - 16
140M-F8E-C20	14.5 - 20	140MT-F9E-C20	15 -20
140M-F8E-C25	18 - 25	140MT-F9E-C25	19 - 25
140M-F8E-C32	23 - 32	140MT-F9E-C32	24 -32
140M-F8E-C45	32 - 45	140MT-F9E-C38	30 - 38
		140MT-F9E-C45	36 - 45
140M-F8N-C25	18 - 25	140MT-F9N-C25	19 - 25
140M-F8N-C32	23 - 32	140MT-F9N-C32	24 -32
140M-F8N-C45	32 - 45	140MT-F9N-C38	30 - 38
		140MT-F9N-C45	36 - 45
140M-F8T-C25	18 - 25	140MT-F9T-C25	19 - 25
140M-F8T-C32	23 - 32	140MT-F9T-C32	24 -32
New product - 140M "related" doesn't exist		140MT-F9T-C38	30 - 38
New product - 140M "related" doesn't exist		140MT-F9T-C45	36 - 45

140M-F Existing	140MT-F New Product
140M-F-W542	140MT-F-W552
140M-F-W543	140MT-F-W553
140M-F-WTE	140MT-F-WTE
140M-F-WBE	140MT-F-WBE
140M-F-TE	140MT-F-TE
140M-F-PNC37	140MT-F-PNC37
140M-F-PNC43	140MT-F-PNC55
140M-C-N45	140MT-F-N45
New product - 140M "related" doesn't exist	140MT-F-PNE38
New product - 140M "related" doesn't exist	140MT-F-PNE65
140M-F-WS	140MT-F-WSN

140M to 140MT Catalog Number Conversion

Auxiliary 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	140MT-C-AFA11
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

140M to 140MT Factory Configuration Migration

140M Catalog IDs	140MT Catalog IDs
140M-C2E-A40-CX	140MT-C3E-A40-CX
140M-C2E-A63-CX	140MT-C3E-A63-CX
140M-C2E-B10-CX	140MT-C3E-B10-CX
140M-C2E-B10-KN	140MT-C3E-B10-KN
140M-C2E-B10-CX-KN	140MT-C3E-B10-KN-CX
140M-C2E-B16-CX	140MT-C3E-B16-CX
140M-C2E-B16-KN	140MT-C3E-B16-KN
140M-C2E-B16-CX-KN	140MT-C3E-B16-KN-CX
140M-C2E-B16-KY	140MT-C3E-B16-KY
140M-C2E-B16-BX-KY	140MT-C3E-B16-KY-BX
140M-C2E-B25-CX	140MT-C3E-B25-CX
140M-C2E-B25-KN	140MT-C3E-B25-KN
140M-C2E-B25-CX-KN	140MT-C3E-B25-KN-CX
140M-C2E-B25-KY	140MT-C3E-B25-KY
140M-C2E-B25-MT	140MT-C3E-B25-MT
140M-C2E-B25-RX	140MT-C3E-B25-RX
140M-C2E-B25-XC	140MT-C3E-B25-XC
140M-C2E-B40-BX	140MT-C3E-B40-BX
140M-C2E-B40-CX	140MT-C3E-B40-CX
140M-C2E-B40-KN	140MT-C3E-B40-KN
140M-C2E-B40-CC-KN	140MT-C3E-B40-KN-CC
140M-C2E-B40-CX-KN	140MT-C3E-B40-KN-CX
140M-C2E-B40-KN-XC	140MT-C3E-B40-KN-XC
140M-C2E-B40-KY	140MT-C3E-B40-KY
140M-C2E-B40-MT	140MT-C3E-B40-MT
140M-C2E-B40-TE	140MT-C3E-B40-TE
140M-C2E-B40-XC	140MT-C3E-B40-XC
140M-C2E-B63-BX	140MT-C3E-B63-BX
140M-C2E-B63-CX	140MT-C3E-B63-CX
140M-C2E-B63-KN	140MT-C3E-B63-KN
140M-C2E-B63-CC-KN	140MT-C3E-B63-KN-CC
140M-C2E-B63-CX-KN	140MT-C3E-B63-KN-CX
140M-C2E-B63-KN-XC	140MT-C3E-B63-KN-XC
140M-C2E-B63-KY	140MT-C3E-B63-KY
140M-C2E-B63-MT	140MT-C3E-B63-MT
140M-C2E-B63-TE	140MT-C3E-B63-TE

140M Catalog IDs	140MT Catalog IDs
140M-C2E-B63-XC	140MT-C3E-B63-XC
140M-C2E-C10-BX	140MT-C3E-C10-BX
140M-C2E-C10-CX	140MT-C3E-C10-CX
140M-C2E-C10-KN	140MT-C3E-C10-KN
140M-C2E-C10-CX-KN	140MT-C3E-C10-KN-CX
140M-C2E-C10-KN-XC	140MT-C3E-C10-KN-XC
140M-C2E-C10-KY	140MT-C3E-C10-KY
140M-C2E-C10-KY-TE	140MT-C3E-C10-KY-TE
140M-C2E-C10-MT	140MT-C3E-C10-MT
140M-C2E-C10-TE	140MT-C3E-C10-TE
140M-C2E-C10-XC	140MT-C3E-C10-XC
140M-C2E-C16-CX	140MT-C3E-C16-CX
140M-C2E-C16-KN	140MT-C3E-C16-KN
140M-C2E-C16-CX-KN	140MT-C3E-C16-KN-CX
140M-C2E-C16-KY	140MT-C3E-C16-KY
140M-C2E-C16-TE	140MT-C3E-C16-TE
140M-C2E-C16-XC	140MT-C3E-C16-XC
140M-C2E-C25-CX	140MT-C3E-C25-CX
140M-D8E-B40-CX	140MT-D9E-B40-CX
140M-D8E-B40-KY	140MT-D9E-B40-KY
140M-D8E-B63-KY	140MT-D9E-B63-KY
140M-D8E-C10-KN	140MT-D9E-C10-KN
140M-D8E-C16-CX	140MT-D9E-C16-CX
140M-D8E-C16-KN	140MT-D9E-C16-KN
140M-D8E-C16-KY	140MT-D9E-C16-KY
140M-D8E-C20-KN	140MT-D9E-C20-KN
140M-D8E-C20-CX-KN	140MT-D9E-C20-KN-CX
140M-D8E-C20-KN-XC	140MT-D9E-C20-KN-XC
140M-D8E-C20-KY	140MT-D9E-C20-KY
140M-D8E-C25-KN	140MT-D9E-C25-KN
140M-D8N-B63-CX	140MT-D9N-B63-CX
140M-D8N-B63-RX	140MT-D9N-B63-RX
140M-D8N-C16-KN	140MT-D9N-C16-KN
140M-D8N-C25-KN-MT	140MT-D9N-C25-KN-MT

140MT Catalog Number Explanation

Examples in this section are not intended to be used for product selection.

140MT - C 3 E - B63 -KN -MT -XC -GK

a bcd e f g h i

a	
Bulletin Number	
Code	**Description**
140MT-	Motor Protective Switching Device (Thermal)

b	
Frame Size	
Code	**Description**
C	32A Frame C
D	40 A Frame D

c	
Interrupting Rating/ Breaking Capacity	
Code	**Description**
3	Normal Break
9	High Break

d	
Function	
Code	**Description**
E-	Adj Thermal / Fixed Mag (14 x In), MPCB)
N-	Fixed Mag Only (14 x In), MCP
T-	Adj Thermal / Fixed Mag (18.....22 x In), MPCB
V-	Fixed Mag (Application at output of VFD -multi-motor)

e-	
Current Range	
Code	**Description**
A	0.10 (example: A16 = 0.16 A)
B	1.0 (example: B16 = 1.6 A)
C	10 (example: C16 = 16 A)

f-		
Knob and Adapters		
Code	**Description**	**Frame size**
-KN	Black Lockable Knob	C, D
-KY	Red/Yellow Lockable Knob	C, D
-KB	Blue Lockable Knob	C
-TE	Spacing Adapter For Self-Protected Starter	C, D

g-		
Knob and Adapters		
Code	**Description**	**Frame size**
-MT	STD Bus Bar Mount, Top	C, D

h-			
Auxiliary Contacts			
1st Code	**Description**	**2nd Code**	**Description**
Bottom Front		Right Side	
-X	—-	-X	—-
-B	1 NO	-C	1 NO + 1 NC
-C	1 NO + 1 NC	-D	2 NO
-D	2 NO	-E	2 NC
-R	1 NC + 1 NO (SC+OL)		
-S	1 NO + 1 NO (SC+OL)		
-M	1 NO + 1 NC (SC+OL)		
-N	1 NO (SC+OL) + 1 NO (SC)		

VC_140MT_FACTORY_OPTS_CODE (FactoryOptionsCode C,D, F)					
1st Code	**Description**	**2nd Code**	**Description**	**VC_140MT_ Frame Size**	**VC_140MT Frame Size**
BLANK	—	BLANK	—		
Left Side		Voltage			
-G	Undervoltage Trip	K	24V 50 Hz	140MT	C, D
		D	110V 50 Hz/	140MT	C, D
		F	220V - 230V	140MT	C, D
		A	240V - 260V	140MT	C, D
		N	380V - 400V	140MT	C, D
		B	480V 60 Hz/	140MT	C, D
-P	Shunt Trip				
		K	24V 50 Hz	140MT	C, D
		D	110V 50 Hz/	140MT	C, D
		F	220V - 230V	140MT	C, D
		A	240V - 260V	140MT	C, D
		T	240V 50 Hz/	140MT	C, D
		N	380V - 400V	140MT	C, D
		B	480V 60 Hz/	140MT	C, D
		ZJ	24V DC		

140MT Catalog Number Explanation

Examples in this section are not intended to be used for product selection.

140MT	-	F	9	E	-	C10
a		b	c	d		e

a	
Bulletin Number	
Code	Description
140MT	140MT Motor Protection Circuit Breaker

b	
Current Rating / Frame Size	
Code	Description
F	45A, Frame F

c	
Interrupting Rating/ Breaking Capacity	
Code	Description
9	High Break

d	
Function	
Code	Description
E	Adjustable Thermal/Fixed Magnetic (15 x In) MPCB
N	Fixed Magnetic (15 x In) MCP
T	Adjustable Thermal/Fixed Magnetic (19...22 x In) TPCB

e-	
Current Range	
Code	Description
C	10 (example: C16 = 16 A)

Rockwell Automation

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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