## 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 140 U (D-frame) Products by February of 2022.

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

## New Product Overview

- 140MT C-frame is up to 32 A 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



## 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.
' 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 480 V and 600 V

| 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 600 V 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 |


| 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 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 |

## 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 | 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 <br> make contacts |  |
| $140 M$ | 140 MT | Functional options |
| $140 \mathrm{M}-\mathrm{C}-$ UCA | Not available | $140 \mathrm{MT}-\mathrm{C}-$ UXA |

## 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 |
| 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 |  |
| 140M-C-WTEN | 140MT-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 | $\begin{gathered} \text { 140MT-C-PNC23 + } \\ \text { 140MT-C-PSC23 } \end{gathered}$ |
| 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-C-PSC23 |
| 140M-D-PEC23 | 140MT-D-PEC23 |
| 140M-D-PNC23 | 140MT-D-PNC23 |
| 140M-D-PNC37 | 140MT-D-PNC37 |
| 140M-D-PKC23 | $\begin{gathered} \text { 140MT-D-PNC23 + } \\ \text { 140MT-C-PSC23 } \end{gathered}$ |


| Busbars \& Connecting Modules |  |
| :---: | :---: |
| 140M | 140MT |
| 140U-D-W452 | 140UT-D-W452 |
| 140U-D-W453 | 140UT-D-W453 |
| 140U-D-W454 | 140UT-D-W454 |
| $140 U-D-W 455$ | 140UT-D-W455 |
| $140 U-D-W T E$ | 140UT-D-WTE |
| 140 U-D-PEC23 | 140UT-D-PEC23 |
| $140 M-C-A F C$ | Not required for 140UT |
| $140 U-D-P F$ | Not available |

## 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.

## 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.
$\frac{140 M T}{a}-\frac{C 3 E}{b c d}-\frac{B 63}{e} \frac{-K N}{f} \frac{-M T}{g} \frac{-X C}{h} \frac{-G K}{i}$

|  | a |
| :---: | :---: |
|  | Bulletin Number |
| Code | Description |
| 140MT- | Motor Protective Switching <br> Device (Thermal) |


| b |  | c |  |
| :---: | :---: | :---: | :---: |
| Frame Size |  | Interrupting Rating/ Breaking Capacity |  |
| Code | Description | Code | Description |
| C | 32A Frame C | 3 | Normal Break |
| D | 40 A Frame D | 9 | High Break |


|  | d |
| :---: | :---: |
| Code | Dunction |
| E- | Adj Thermal / Fixed Mag <br> $(14 \times$ In), MPCB $)$ |
| N- | Fixed Mag Only (14 x In), MCP |
| T- | Adj Thermal / Fixed Mag <br> $(18 \ldots . . .22$ x In), MPCB |
| V- | Fixed Mag ( Application at output <br> ofVFD -multi-motor) |


| e- |  |
| :---: | :---: |
| Current Range |  |
| Code | Description |
| A | 0.10 (example: A16 $=0.16 \mathrm{~A}$ ) |
| B | 1.0 (example: $\mathrm{B} 16=1.6 \mathrm{~A})$ |
| C | 10 (example: $\mathbf{C 1 6}=16 \mathrm{~A})$ |


| 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 |


| $\mathbf{g -}$ |  |  |
| :---: | :---: | :---: |
| Knob and Adapters |  |  |
| Code | Description | Frame size |
| - MT | STD Bus Bar Mount, Top | C, D |


| h- |  |  |  |
| :---: | :---: | :---: | :---: |
| Auxiliary Contacts |  |  |  |
| $\begin{aligned} & \text { 1st } \\ & \text { Code } \end{aligned}$ | Description | 2nd Code | Description |
| Bottom Front |  | Right Side |  |
| -X | --- | -X | --- |
| -B | 1 N0 | -C | $1 \mathrm{NO}+1 \mathrm{NC}$ |
| -C | $1 \mathrm{~N} 0+1 \mathrm{NC}$ | -D | 2 N0 |
| -D | 2 NO | -E | 2 NC |
| -R | $1 \mathrm{NC}+1 \mathrm{NO}(\mathrm{SC}+\mathrm{OL})$ |  |  |
| -S | $1 \mathrm{NO}+1 \mathrm{NO}$ (SC+OL) |  |  |
| -M | $1 \mathrm{NO}+1 \mathrm{NC}(\mathrm{SC}+0 \mathrm{~L})$ |  |  |
| -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 | 24 V 50 Hz | 140MT | C, D |
|  |  | D | $110 \mathrm{~V} 50 \mathrm{~Hz} /$ | 140MT | C, D |
|  |  | F | 220V-230V | 140MT | C, D |
|  |  | A | 240V-260V | 140MT | C, D |
|  |  | N | 380V-400V | 140MT | C, D |
|  |  | B | $480 \mathrm{~V} 60 \mathrm{~Hz} /$ | 140MT | C, D |
| -p | Shunt Trip |  |  |  |  |
|  |  | K | 24 V 50 Hz | 140MT | C, D |
|  |  | D | $110 \mathrm{~V} 50 \mathrm{~Hz} /$ | 140MT | C, D |
|  |  | F | 220V-230V | 140MT | C, D |
|  |  | A | 240V-260V | 140MT | C, D |
|  |  | T | $240 \mathrm{~V} 50 \mathrm{~Hz} /$ | 140MT | C, D |
|  |  | N | $380 \mathrm{~V}-400 \mathrm{~V}$ | 140MT | $C, D$ |
|  |  | B | $480 \mathrm{~V} 60 \mathrm{~Hz} /$ | 140MT | C, D |
|  |  | ZJ | 24 V D |  |  |

