

# Cross-Reference-List



## Basic Device

Short Description:	Catalog No. 140M:	Adjustment Range [A]	Catalog No. 140-MN:	Adjustment Range [A]
<b>3-pole Circuit Breaker</b>  -Motor Protection -Adjustable thermal release -Magnetic release: 140M: $13 \times I_{e\max}$ 140-MN: $11 \times I_{e\max}$ -Ambient temperature compensation	<b>140M-C2E-A16</b>	0.1...0.16	<b>140-MN-0016</b>	0.1...0.16
	<b>140M-C2E-A25</b>	0.16...0.25	<b>140-MN-0025</b>	0.16...0.25
	<b>140M-C2E-A40</b>	0.25...0.4	<b>140-MN-0040</b>	0.25...0.4
	<b>140M-C2E-A63</b>	0.4...0.63	<b>140-MN-0063</b>	0.4...0.63
	<b>140M-C2E-B10</b>	0.63...1.0	<b>140-MN-0100</b>	0.63...1.0
	<b>140M-C2E-B16</b>	1.0...1.6	<b>140-MN-0160</b>	1.0...1.6
	<b>140M-C2E-B25</b>	1.6...2.5	<b>140-MN-0250</b>	1.6...2.5
	<b>140M-C2E-B40</b>	2.5...4.0	<b>140-MN-0400</b>	2.5...4.0
	<b>140M-C2E-B63</b>	4.0...6.3	<b>140-MN-0630</b>	4.0...6.3
	<b>140M-C2E-C10</b>	6.3...10	<b>140-MN-1000</b>	6.3...10
	<b>140M-C2E-C16</b>	10...16	<b>140-MN-1600</b>	10...16
	<b>140M-C2E-C20</b>	14.5...20	<b>140-MN-2000</b>	16...20
	<b>140M-C2E-C25</b>	18...25	<b>140-MN-2500</b>	20...25

### Remarks:

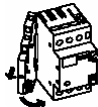
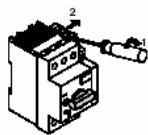
140M is also available without thermal-trip, for **SC-protection of (3-component) starters: 140M-C2N...**  
 and for **transformer protection**, with magnetic release  $20 \times I_{e\max}$ : **140M-C2T...**  
 and even with **spring-clamp-terminals** for motor protection (up to 16A): **140M-RC2E...**



## Accessories

Short Description:	Catalog No. 140M:	Catalog No. 140-MN:	Differences:
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Contact Blocks, **side mounting** to the circuit breaker:

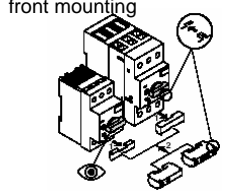
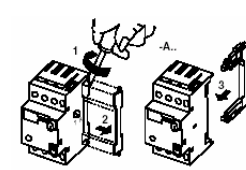
Auxiliary Contact Block, 2-pole NO	<b>140M-C-ASA20</b> (numbering 33/34, 43/44)	<b>140-A20</b> (numbering 13/14, 23/44)	140-MN contact blocks are left-side-mounting    140M contact blocks are right-side mounting  
Auxiliary Contact Block, 2-pole NC	<b>140M-C-ASA02</b> (numbering 31/32, 41/42)	<b>140-A02</b> (numbering 11/12, 21/22)	
Auxiliary Contact Block, 1-pole NO and 1 pole NC	<b>140M-C-ASA11</b> (numbering 33/34, 41/42)	<b>140-A11</b> (numbering 13/14, 21/22)	
Trip Contact Block, 2-pole NO	<b>140M-C-ASAR10M10</b> (numbering 57/58, 67/68)	-	
Trip Contact Block, 1-pole NO and 1 pole NC	<b>140M-C-ASAR10M01</b> (numbering 57/58, 65/66)	-	
Trip Contact Block, 1-pole NC and 1 pole NO	<b>140M-C-ASAR01M10</b> (numbering 55/56, 67/68)	-	
Trip Contact Block, 2-pole NC	<b>140M-C-ASAR01M01</b> (numbering 55/56, 65/66)	-	
Trip Contact Block, 1-pole NO and 1 pole NC	<b>140M-C-ASAM11</b> (numbering 77/78, 65/66)	-	

# 140M, the Better Choice Replacement for 140-MN

## Accessories

Short Description:	Catalog No. 140M:	Catalog No. 140-MN:	Differences:
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Contact Blocks, **body mounting** (within footprint) to the circuit breaker:

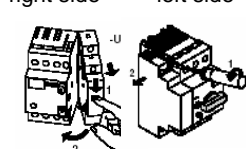
Auxiliary Contact Block, 1-pole NO	<b>140M-C-AFA10</b> (numbering 13/14)	<b>140-A10</b> (numbering 13/14) or <b>140-A210</b> (numbering 33/34)	140M contact blocks front mounting 
Auxiliary Contact Block, 1-pole NC	<b>140M-C-AFA01</b> (numbering 11/12)	<b>140-A01</b> (numbering 11/12) or <b>140-A201</b> (numbering 31/32)	
Auxiliary Contact Block, 1-pole early make contact NO	Integrated in undervoltage releases type 140M-C-UC...	<b>140-A10L</b> (numbering 37/38)	140-MN contact blocks mounting from rear 
Auxiliary Contact Block, 1-pole NO and 1 pole NC	<b>140M-C-AFA11</b> (numbering 13/14)	-	
Auxiliary Contact Block, 2-poles NO	<b>140M-C-AFA20</b> (numbering 11/12)	-	
Combination Trip / Auxiliary Contact Block, 2-pole NO	<b>140M-C-AFAR10A10</b> (numbering 13/14, 27/28)	-	
Combination Trip / Auxiliary Contact Block, 1-pole NO and 1 pole NC	<b>140M-C-AFAR10A01</b> (numbering 11/12, 27/28)	-	
Trip Contact Block, 1-pole NO	-	<b>140-T10</b> (numbering 53/54)	
Trip Contact Block, 1-pole NC	-	<b>140-T01</b> (numbering 51/52)	

**Remark:** Body mounting contact blocks for 140M are also available with **spring-clamp-terminals**:

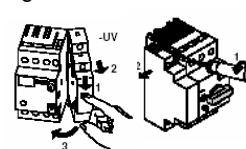
- Auxiliary contact blocks: **140M-CR-AFA...**
- Trip contact blocks: **140M-CR-AFAR...**



**Shunt Releases**, side mounting to the circuit breaker:

21V50Hz / 24V60Hz	<b>140M-C-SNJ</b>	-	140-MN right side 140M left side 
24V50Hz / 28V60Hz	<b>140M-C-SNK</b>	<b>140-RT-KJ</b>	
105V50Hz / 120V60Hz	<b>140M-C-SND</b>	-	
110V50Hz / 127V60Hz	<b>140M-C-SNC</b>	<b>140-RT-D</b>	
220...230V50Hz	<b>140M-C-SNF</b>	<b>140-RT-A</b>	
240...260V50Hz	<b>140M-C-SNA</b>	-	
240V50Hz / 277V60Hz	<b>140M-C-SNT</b>	<b>140-RT-T</b>	
380...400V50Hz / 440...460V60Hz	<b>140M-C-SNN</b>	<b>140-RT-N</b>	
415V50Hz / 480V60Hz	<b>140M-C-SNB</b>	<b>140-RT-B</b>	


















**Undervoltage Releases**, side mounting to the circuit breaker:

21V50Hz / 24V60Hz	<b>140M-C-UXJ</b>	-	140-MN right side 140M left side 
24V50Hz / 28V60Hz	<b>140M-C-UXK</b>	<b>140-UV-KJ</b>	
105V50Hz / 120V60Hz	<b>140M-C-UXD</b>	-	
110V50Hz / 127V60Hz	<b>140M-C-UXC</b>	<b>140-UV-D</b>	
220...230V50Hz	<b>140M-C-UXF</b>	<b>140-UV-A</b>	
240...260V50Hz	<b>140M-C-UXA</b>	-	
240V50Hz / 277V60Hz	<b>140M-C-UXT</b>	<b>140-UV-T</b>	
380...400V50Hz / 440...460V60Hz	<b>140M-C-UXN</b>	<b>140-UV-N</b>	
415V50Hz / 480V60Hz	<b>140M-C-UXB</b>	<b>140-UV-B</b>	

**Remark:** 140M-Undervoltage Releases are also available with **2 early make contacts**: **140M-C-UC...**

# 140M, the Better Choice Replacement for 140-MN

## Accessories



Short Description:	Catalog No. 140M:	Catalog No. 140-MN:	Differences:
Miscellaneous:			
Anti-Tamper Shield (protection against inadvertent adjustment of current setting)	<b>140M-C-CA</b>	-	
Lockable Twist Knob (1 padlock ø3...6mm)	<b>140M-C-KN</b>	-	
Door mounted Actuator, lockable, black	<b>140M-C-DN66</b>	-	    
Door mounted Actuator, lockable, red/yel.	<b>140M-C-DRY66</b>	-	
Extension Shaft (117...338mm)	<b>140M-C-DS</b>	-	
Legend Plate, marking "Main Switch"	<b>140M-C-DFCN</b>	-	
Legend Plate, marking "Emergency-Off"	<b>140M-C-DFCRY</b>	-	
Screw Adapter (for screw mounting of a Circuit Breaker)	<b>140M-C-N45</b>	<b>140-N12</b>	
Current Limiter	-	<b>140-CL2</b>	Not required for 140M!
Locking Arrangement, for Enclosures	-	<b>140-N22</b>	  
Locking Arrangement, for locking start button	-	<b>140-N24</b>	
Locking Arrangement for rotary handles	<b>140M-C-M3</b>	-	
Bus Bar Feeder-Terminal	<b>140M-C-WB</b>	<b>140-LD</b>	 Compact Bus Bars and associated accessories are different because of the different terminal arrangements
Bus Bar Feeder	<b>140M-C-WT</b>	<b>140-L2</b>	
Compact Bus Bar 45mm 2x3 connections	<b>140M-C-W452</b>	<b>140-L452</b>	
Compact Bus Bar 45mm 3x3 connections	<b>140M-C-W453</b>	<b>140-L453</b>	
Compact Bus Bar 45mm 4x3 connections	<b>140M-C-W454</b>	<b>140-L454</b>	
Compact Bus Bar 45mm 5x3 connections	<b>140M-C-W455</b>	<b>140-L455</b>	
Compact Bus Bar 54mm 2x3 connections	<b>140M-C-W542</b>	<b>140-L12</b>	
Compact Bus Bar 54mm 3x3 connections	<b>140M-C-W543</b>	<b>140-L13</b>	
Compact Bus Bar 54mm 4x3 connections	<b>140M-C-W544</b>	<b>140-L11</b>	
Compact Bus Bar 54mm 5x3 connections	<b>140M-C-W545</b>	<b>140-L1</b>	
Compact Bus Bar 63mm 2x3 connections	<b>140M-C-W632</b>	-	
Compact Bus Bar 63mm 3x3 connections	<b>140M-C-W633</b>	-	
Compact Bus Bar 63mm 4x3 connections	<b>140M-C-W634</b>	-	
Compact Bus Bar 63mm 5x3 connections	<b>140M-C-W635</b>	-	
Blank Space Cover	<b>140M-C-WS</b>	<b>140-L3</b>	
Compact Bus Bar, connects 100M-D with 100M-C	<b>140M-C-WD542</b>	-	 
Connecting Module to Contactor 100-M	<b>140M-C-PEM12</b>	<b>140-KCD4</b>	
Connecting Module to Contactor 100-C	<b>140M-C-PEC23</b>	<b>140-NW23</b>	
-	-	-	   Suitable for all enclosures of this page
Enclosure, IP41	-	<b>140-E41</b>	
Enclosure, IP55, with Button Membrane	-	<b>140-E55</b>	
Button Membrane (replacement part)	-	<b>140-N18</b>	
Indicator Light, red 120V	<b>140-LR120</b>		
Indicator Light, red 240V	<b>140-LR240</b>		
Indicator Light, red 400V	<b>140-LR400</b>		
Indicator Light, green 120V	<b>140-LG120</b>		
Indicator Light, green 240V	<b>140-LG240</b>		
Indicator Light, green 400V	<b>140-LG400</b>		
Indicator Light, white 120V	<b>140-LW120</b>		
Indicator Light, white 240V	<b>140-LW240</b>		
Indicator Light, white 400V	<b>140-LW400</b>		

## Accessories

# 140M, the Better Choice Replacement for 140-MN

Short Description:	Catalog No. 140M:	Catalog No. 140-MN:	Differences:
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## Parts to be used for fulfilling the requirements of UL 508 Type E:

Terminal Adapter For Type E applications without the bus-bar feeders	<b>140M-C-TE</b>	-	
Bus Bar Feeder-Terminal Provides the right spacing for Type E applications	<b>140M-C-WBE</b>	-	
Bus Bar Feeder Provides the right spacing for Type E applications	<b>140M-C-WTE</b>	-	