

EU Declaration of Conformity

<i>Product:</i>	IEC Circuit Breakers and Accessories	
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<i>Name and address of the manufacturer:</i> Rockwell Automation Switzerland GmbH Industriestrasse 20 CH-5000 Aarau Switzerland	<i>Name and address of the authorised representative:</i> Rockwell Automation B.V. Rivium Promenade 160 2909 LM Capelle aan den IJssel The Netherlands
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This declaration of conformity is issued under the sole responsibility of the manufacturer.

<i>Object of the declaration:</i>	Allen-Bradley 140M-RC, 140M-C, 140M-D, 140M-F Series and Accessories (reference the attached list of catalogue numbers)	
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The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

2006/95/EC & 2014/35/EU	Low Voltage Directive	(LVD)
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References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

EN 60947-1:2007 + A1:2011	Low-voltage switchgear and controlgear – Part 1: General rules
EN 60947-2:2006 + A1:2009 + A2:2013	Low-voltage switchgear and controlgear – Part 2: Circuit Breakers
EN 60947-4-1:2010 + A1:2012	Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters
EN 60947-5-1:2004 + A1:2009	Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices

Additional information:

<i>Year of CE Marking (LVD):</i>	1997
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Signed for and on behalf of the above named manufacturer:

<i>Place and date of issue:</i>	Aarau, Switzerland	25-Aug-2015
<i>Name, function:</i>	Daniel Baumann, Manager – Product Certification Engineering	
<i>Signature:</i>	i.v. <u>Daniel Baumann</u>	

Catalogue number	Series ¹	Description	Directive ²
			LVD
140M – RC * * * *		Circuit Breakers, frame size 16A (with spring force terminals, for normal breaking capacity only) per Nomenclature	Yes
140M – C * * * *		Circuit Breakers, frame sizes 25A and 32A (with screw terminals, for normal breaking capacity) per Nomenclature	Yes
140M – D * * * *		Circuit Breakers, frame sizes 25A and 32A (with screw terminals, for high breaking capacity) per Nomenclature	Yes
140M – F * * * *		Circuit Breakers, frame size 45A (with screw terminals, for high breaking capacity only) per Nomenclature	Yes
Accessories			
140M – * * – * *		Auxiliary Contact Blocks per Nomenclature	Yes
140M – * * – * * *		Trip Contact Blocks per Nomenclature	Yes
140M – * * – * * *		Left Side Mounting Trip Function per Nomenclature	Yes
140M – * – * * * *		Connecting Modules per Nomenclature	Yes
140M – * – * * * *		Compact Busbars, Feeder Blocks and Feeder Terminals per Nomenclature	Yes
140M – * – * * *		Terminal Covers per Nomenclature	Yes
140M – * – * *		Knobs and Handles per Nomenclature	Yes
140M – C – TE1 140M – F – TE		Spacing Adapters	Yes
140M – C – N45		Screw Adapter	Yes
140 – KBH2		Top hat rail Adapter	Yes
140M – C – DS 140M – C – DSL		Extension Shafts	Yes
140M – C – SHS		Shaft Support	Yes
140M – C – WD542		Jumper for 140M – D to 140M – C	Yes
140M – C – PSC23 140M – F – PSC43		Coil Module for 140M – C, 140M – D to 100 – C09... C23 Coil Module for 140M – D, 140M – F to 100 – C30... C43	Yes
140M – C – M3		Locking Tag	Yes
140M – C – CA		Anti-Tamper Shield	Yes

1) If no series number is given, then all series are covered.

2) Yes = Product is certified to this directive.

MODEL NOMENCLATURE:

Circuit Breakers Catalogue Number Explanation

140M – RC					
140M – C	*	*	-	*	-*
140M – D					
140M – F					
1	2	3		4	5

Position	Catalogue No. Suffix	Options/Descriptions
1	140M – RC 140M – C 140M – D 140M – F	Base Catalogue Number of Circuit Breaker Frame size 16A, with spring force terminals, for normal breaking capacity Frame size 32A, with screw terminals, for normal breaking capacity Frame size 32A, with screw terminals, for high breaking capacity Frame size 45A, with screw terminals, for high breaking capacity
2	2 8	Breaking Capacity Normal High
3	E N T V	Circuit Breaker with magnetic trip (13...14 times max. current) and thermal trip, for motor protection Circuit Breaker with magnetic trip (13...14 times max. current) only, for short circuit protection of motor starter combinations (with thermal overload relay) Circuit Breaker with high magnetic trip (16...21 times max. current) and thermal trip, for transformer protection Circuit Breaker suitable for VFD applications, for frame size D only
4	A16 A25 A40 A63 B10 B16 B25 B40 B63 C10 C16 C20 C25 C29 C32 C32 C45	Code for Current Range 0.10...0.16A, for frame sizes C, D or RC 0.16...0.25A, for frame sizes C, D or RC 0.25...0.40A, for frame sizes C, D or RC 0.40...0.63A, for frame sizes C, D or RC 0.63...1.00A, for frame sizes C, D or RC 1.0...1.6A, for frame sizes C, D or RC 1.6...2.5A, for frame sizes C, D or RC 2.5...4.0A, for frame sizes C, D or RC 4.0...6.3A, for frame sizes C, D or RC 6.3...10.0A, for frame sizes C, D, F or RC 10...16A, for frame sizes C, D, F or RC 14.5...20.0A, for frame sizes C, D or F 18...25A, for frame sizes C, D or F 24...29A, for frame sizes C, D only 27...32A, for frame sizes C, D only 23...32A, for frame size F only 32...45A, for frame size F only
5	Optional “-“, followed by letters and digits	Options Such as additional Knobs, Auxiliary/Trip Contacts and / or Trip Functions

Accessories Catalogue Number Explanation

A.) Auxiliary Contact Blocks

140M	-	*	*	-	*	*
1		2	3		4	5

Position	Catalogue No. Suffix	Options/Descriptions
1	140M	Base Catalogue Number of Auxiliary Contact Block
2	No suffix letter R	Terminal Type Screw Terminals Spring Force Terminals
3	C	For Circuit Breaker Type 140M – C, 140M – D, 140M – F, 140U – D
4	AFA ASA	Mounting Position Front mounted Right side mounted (with Screw Terminals only)
5	Two digits	Contact Configuration of Auxiliary Contacts First digit indicates number of N.O. contacts Second digit indicates number of N.C. contacts

B.) Trip Contact Blocks

140M	-	*	*	-	*	*	*
1		2	3		4	5	6

Position	Catalogue No. Suffix	Options/Descriptions
1	140M	Base Catalogue Number of Trip Contact Block
2	No suffix letter R	Terminal Type Screw Terminals Spring Force Terminals
3	C	For Circuit Breaker Type 140M – C, 140M – D, 140M – F, 140U – D
4	AFA ASA	Mounting Position Front mounted Right Side mounted (with Screw Terminals only)
5	No suffix Letter “R”, followed by two digits	Contact Configuration of Auxiliary Contacts No Auxiliary contact is provided First digit indicates number of N.O. contacts Second digit indicates number of N.C. contacts
6	Letter “A” or “M”, followed by two digits	Contact Configuration of Auxiliary Contacts First digit indicates number of N.O. contacts Second digit indicates number of N.C. contacts

Accessories Catalogue Number Explanation (continued)

C.) Left Side Mounting Trip Function

140M	-	*	*	-	*	*
1		2	3		4	5

Position	Catalogue No. Suffix	Options/Descriptions
1	140M	Base Catalogue Number of Left Side Mounting Trip Function
2	No suffix letter	Terminal Type Screw Terminals
3	C	For Circuit Breaker Type 140M – C, 140M – D, 140M – F, 140U – D
4	UC UX SN	Trip Function Undervoltage Undervoltage Shunt
5	One or two letters	Control Voltage Code (indicates voltage and frequency) AC voltages (in the range of 24...400V50Hz or 415V50Hz/480V60Hz) DC voltages (in the range of 9...80VDC). Two letter code starting with "Z".

D.) Connecting Modules

140M	-	*	-	*	*	*
1		2		3	4	5

Position	Catalogue No. Suffix	Options/Descriptions
1	140M	Base Catalogue Number of Connecting Module
2	C D F	For Circuit Breaker Type 140M – C 140M – D 140M – F
3	PE PN PF	Connecting Module Type ECO Standard Flexible
4	K C	Interconnection to Contactor Type 100 – K 100 – C
5	12 23 23A 23DM 37 43	Indicates max. current 12A, for interconnection of 140M – C to 100 – K Indicates max. current 32A, for interconnection of 140M – C or 140M – D to 100 – C09...C23 with AC coils or 24VDC electronic coil Indicates max. current 32A, for interconnection of 140M – C or 140M – D to 100 – C09...C23 with conventional DC coil Flexible Module only. Indicates max. current 22A/25A, for interconnection of 140M – C or 140M – D to 100 – C09...C43 with AC or DC coil Indicates max. current 37A, for interconnection of 140M – D or 140M – F to 100 – C30...C37, with AC coil Indicates max. current 45A, for interconnection of 140M – F to 100 – C43 with AC coil

Accessories Catalogue Number Explanation (continued)

E.) Compact Busbars, Feeder Blocks and Feeder Terminals

140M	-	*	-	*	*	*
1		2		3	4	5

Position	Catalogue No. Suffix	Options/Descriptions
1	140M	Base Catalogue Number of Compact Busbar, Feeder Block or Feeder Terminal
2	C F	For Circuit Breaker Type 140M – C, 140M – D (not for Feeder Block) 140M – F
3	W	Indicates Compact Busbar, Feeder Block or Feeder Terminal
4	Two digits, followed by another digit	Three-Phase Compact Busbar The first two digits indicate the spacing in mm Last digit indicates the number of connections
	Two letters, starting with “B”	Compact Busbar Feeder Block
	Two or three letters, starting with “T”	Compact Busbar Feeder Terminal
5	No suffix N	Frame size of Circuit Breaker 45A 32A

F.) Terminal Covers

140M	-	*	-	*	*
1		2		3	4

Position	Catalogue No. Suffix	Options/Descriptions
1	140M	Base Catalogue Number of Terminal Cover
2	C F	For Circuit Breaker Type 140M – C, 140M – D 140M – F
3	WS	Indicates Cover Type
4	No suffix N	Frame size of Circuit Breaker 45A 32A

Accessories Catalogue Number Explanation (continued)

G.) Knobs and Handles

140M	-	*	-	*
1		2		3

<i>Position</i>	<i>Catalogue No. Suffix</i>	<i>Options/Descriptions</i>
<i>1</i>	<i>140M</i>	<i>Base Catalogue Number of Knobs and Handles</i>
<i>2</i>	<i>C F</i>	<i>For Circuit Breaker Type 140M – C, 140M – D, 140M – F, 140U – D 140M – F</i>
<i>3</i>	<i>KN, KNI</i>	<i>Lockable Twist Knob (black)</i>
	<i>KRY, KRY1</i>	<i>Lockable Twist Knob (red/yellow)</i>
	<i>DN66</i>	<i>Door Coupling Handle (black)</i>
	<i>DRY66</i>	<i>Door Coupling Handle (red/yellow)</i>