

## ***EU Declaration of Conformity***

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<b>Product:</b>	<b><i>IEC Contactor Relays, Safety Contactor Relays and Accessories</i></b>	
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<b>Name and address of the manufacturer:</b>	<b>Name and address of the authorised representative:</b>	
<b>Rockwell Automation Inc.</b>	<b>Rockwell Automation NV</b>	
<b>1201 South 2nd Street</b>	<b>Pegasus Park</b>	
<b>Milwaukee, WI 53204</b>	<b>De Kleetlaan 12A</b>	
<b>U.S.A.</b>	<b>1831 Diegem</b>	
	<b>Belgium</b>	

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***This declaration of conformity is issued under the sole responsibility of the manufacturer.***

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<b>Object of the declaration:</b>	<b><i>Allen-Bradley 700-C(R)F, 700S-C(R)F Series and Accessories</i></b> <b><i>(reference the attached list of catalogue numbers)</i></b>	
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***The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:***

<b>2014/35/EU</b>	<b><i>Low Voltage Directive</i></b>	<b><i>(LVD)</i></b>
<b>2014/30/EU</b>	<b><i>EMC Directive</i></b>	<b><i>(EMC)</i></b>
<b>2011/65/EU</b>	<b><i>RoHS Directive</i></b>	<b><i>(RoHS)</i></b>

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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:***

<b><i>EN 60947-5-1:2017</i></b>	<b><i>Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices</i></b>	
<b><i>EN 60947-5-4:2003+A1:2019</i></b>	<b><i>Low-voltage switchgear and controlgear – Part 5-4: Control circuit devices and switching elements – Method of assessing the performance of low energy contacts – Special tests</i></b>	
<b><i>EN IEC 63000:2018</i></b>	<b><i>Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances</i></b>	

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<b><i>Signed for and on behalf of the above named manufacturer:</i></b>		
<b><i>Place and date of issue:</i></b>	<b><i>Aarau, Switzerland</i></b>	<b><i>20-May-2021</i></b>
<b><i>Name, function:</i></b>	<b><i>Daniel Baumann, Manager – Product Compliance Engineering</i></b>	
<b><i>Signature:</i></b>	<b><i>i.V. <u>Daniel Baumann</u></i></b>	

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Catalogue number	Series <sup>1</sup>	Description	Directive <sup>2</sup>		
			EMC	LVD	RoHS
700(S)-C(R)F*****		IEC (Safety) Contactor Relays with conventional coil per Nomenclature	N/R	Yes	Yes
700(S)-C(R)F**E*****		IEC (Safety) Contactor Relays with electronically-controlled DC coil per Nomenclature	Yes	Yes	Yes
700(S)-C(R)F**Q*****		IEC (Safety) Contactor Relays with electronically-controlled DC coil per Nomenclature	Yes	Yes	Yes
<b>Accessories</b>					
100(S)-(CR)F****		(Safety) Front Mounted Auxiliary Contact Blocks per Nomenclature	N/R	Yes	Yes
100-S***		Side Mounted Auxiliary Contact Blocks per Nomenclature	N/R	Yes	Yes
100-FPT**		Pneumatic Timing Modules per Nomenclature	N/R	N/R	Yes
100-ET***		Electronic Timing Modules per Nomenclature	Yes	Yes	Yes
100-MC**		Mechanical Interlocks per Nomenclature	N/R	Yes	Yes
100-FL**		Mechanical Latches per Nomenclature	N/R	Yes	Yes
100-(CR)FS***		Suppressor Modules per Nomenclature	N/R	Yes	Yes
100-JE*		Electronic DC Interfaces per Nomenclature	Yes	Yes	Yes
100-SCCA 100-SCFA		Protective Covers	N/R	N/R	Yes
100-FMS 100-FMP 100-FMC 100-FMA1 100-FMA2		Marking Systems	N/R	N/R	Yes

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

2) Yes = Product is certified to this directive.

N/R = This directive is not required for this product.

MODEL NOMENCLATURE:

***IEC Contactor Relays and Safety Contactor Relays Catalogue Number  
Explanation***

700S-CF	M	620			EJ		BC	
1	2	3	4	5	6	7	8	9

<b>Position</b>	<b>Catalogue No. Suffix</b>	<b>Options/Descriptions</b>
1	700-CF 700-CRF 700S-CF 700S-CRF	Base Catalogue Number IEC Contactor Relay with screw terminals IEC Contactor Relay with spring force terminals IEC Safety Contactor Relay with screw terminals IEC Safety Contactor Relay with spring force terminals
2	No suffix B M	Contact Type Standard contacts Bifurcated contacts Master contacts
3	040, 130, 220, 310, 400	Contact Configuration of Contactor Relays
	330, 350, 420, 440, 530, 620, 710	Contact Configuration of Safety Contactor Relays
	Z0330, Z0420, Z0440, Z0510, Z0530, Z0620 Z1330, Z1420, Z1510, Z2440, Z2530, Z2620	Contact Configuration of Contactor Relays with Side Mounted Contacts Standard side mounted contacts  Overlapping side mounted contacts
4	No suffix S	Special Features No special feature Coil with three field wiring terminals
5	No suffix U	Coil Terminals Position Line side coil terminals Load side coil terminals (bottom)
6	One or two letters	Control Voltage Coil Code (designates coil-voltage and -frequency) AC coil code (conventional AC coil: 12...550V50Hz) AC coil code (conventional AC coil: 12...600V60Hz) AC coil code (conventional AC coil: 24...440V50/60Hz, double frequency) DC coil code (conventional DC coil: 9...250VDC). Two letter code starting with "Z" or "D"; "D" designates a bi-directional diode, integrated between the supply terminals DC coil code (electronically-controlled DC coil: 12VDC...250VDC). Two letter code starting with "E" DC coil code (electronically-controlled DC coil with reduced drop-out time: 12VDC...250VDC). Two letter code starting with "Q" DC coil code (Double Winding DC Coil: 9...110VDC). Two letter code starting with "Y"

***IEC Contactor Relays and Safety Contactor Relays Catalogue Number  
Explanation (continued)***

<b>Position</b>	<b>Catalogue No. Suffix</b>	<b>Options/Descriptions</b>
7	No suffix D00, D01, D10, D00G, D01G, D10G	<i>Coil Type</i> Standard coil Contact Configuration of Contactor Relay with Double Winding DC Coil. Suffix "G" designates that the coil switch-over contact is mounted to the left side of the Contactor Relay; no suffix at this position designates that the coil switch-over contact is mounted to the right side of the Contactor Relay
8	No suffix C  BC	<i>Contact Configuration</i> Standard configuration (for 700-C(R)F) Designates, that the Auxiliary Contact Block on the 700S-C(R)F and 700S-C(R)FM is provided with standard contacts and the Auxiliary Contact Block on 700S-C(R)FB is provided with bifurcated contacts Designates, that the Auxiliary Contact Block on the 700S-C(R)F and 700S-C(R)FM is provided with bifurcated contacts
9	No suffix -X3	<i>Options</i> No option Terminal Covers not provided (for 700-C(R)F)

## *Accessories Catalogue Number Explanation*

### *A.) Front Mounted Auxiliary Contact Blocks*

100S-F	A	B		31	T
1	2	3	4	5	6

<i>Position</i>	<i>Catalogue No. Suffix</i>	<i>Options/Descriptions</i>
<i>1</i>	<i>100-F</i> <i>100-CRF</i> <i>100S-F</i> <i>100S-CRF</i>	<i>Base Catalogue Number</i> <i>Front Mounted Auxiliary Contact Block with screw terminals</i> <i>Front Mounted Auxiliary Contact Block with spring force terminals</i> <i>Front Mounted Safety Auxiliary Contact Block with screw terminals</i> <i>Front Mounted Safety Auxiliary Contact Block with spring force terminals</i>
<i>2</i>	<i>A</i>  <i>B</i>  <i>C</i>	<i>Terminal Identification</i> <i>Starting with digit "5" (preferably for use with 700(S)-C(R)F Contactor Relays)</i> <i>Starting with digit "1" (preferably for use with 100(S)-C Contactors and 104(S)-C Reversing Contactors)</i> <i>Starting with digit "2" (preferably for use with 100-C Contactors and 104-C Reversing Contactors)</i>
<i>3</i>	<i>No suffix</i> <i>B</i>	<i>Auxiliary Contact Block with standard moveable contacts</i> <i>Auxiliary Contact Block with bifurcated moveable contacts</i>
<i>4</i>	<i>No suffix</i> <i>L</i> <i>LL</i>	<i>Contact Configuration</i> <i>Standard contacts</i> <i>One early make N.O. contact and one late brake N.C. contact</i> <i>Two early make N.O. contacts and two late brake N.C. contacts</i>
<i>5</i>	<i>Two digits</i>	<i>Contact Configuration</i> <i>First digit designates number of N.O. contacts</i> <i>Second digit designates number of N.C. contacts</i>
<i>6</i>	<i>No suffix</i> <i>T</i>	<i>Application Type</i> <i>Standard application</i> <i>For "Tire and rubber" application (100(S)-FAB...T only)</i>

## *Accessories Catalogue Number Explanation (continued)*

### *B.) Side Mounted Auxiliary Contact Blocks*

100-S	B	L	11
1	2	3	4

<i>Position</i>	<i>Catalogue No. Suffix</i>	<i>Options/Descriptions</i>
1	100-S	<i>Base Catalogue Number of Side Mounted Auxiliary Contact Block</i>
2	A B D	<i>Terminal Identification</i> <i>Starting with a blank space which is filled out according to customer's need (preferably for use with 700-C(R)F Contactor Relays)</i> <i>Starting with digit "1", except 100-SB01 which is starting with digit "2" (preferably for use with 100-C Contactors of size 40, 43, 55, 60, 72, 85, 90)</i> <i>Starting with digit "2" (preferably for use with 100-C Contactors of size 09, 12, 16, 23, 30, 37)</i>
3	No suffix L	<i>Contact Configuration</i> <i>Standard contacts</i> <i>One early make N.O. contact and one late break N.C. contact</i>
4	Two digits	<i>Contact Configuration</i> <i>First digit designates number of N.O. contacts</i> <i>Second digit designates number of N.C. contacts</i>

### *C.) Pneumatic Timing Modules*

100-FPT	A	180
1	2	3

<i>Position</i>	<i>Catalogue No. Suffix</i>	<i>Options/Descriptions</i>
1	100-FPT	<i>Base Catalogue Number of Pneumatic Timing Module</i>
2	A B	<i>Delay Type</i> <i>On-delay</i> <i>Off-delay</i>
3	30 180	<i>Time Range</i> <i>0.3...30s</i> <i>1.8...180s</i>

## *Accessories Catalogue Number Explanation (continued)*

### *D.) Electronic Timing Modules*

100-ET	B	KJ	180
1	2	3	4

<i>Position</i>	<i>Catalogue No. Suffix</i>	<i>Options/Descriptions</i>
<i>1</i>	<i>100-ET</i>	<i>Base Catalogue Number of Electronic Timing Module</i>
<i>2</i>	<i>A</i> <i>B</i> <i>Y</i>	<i>Delay Type</i> <i>On-delay</i> <i>Off-delay</i> <i>Control for star-delta starting</i>
<i>3</i>	<i>No suffix</i>  <i>KJ</i> <i>ZJ</i>	<i>Operation Voltage</i> <i>110...240V50/60Hz and 110...250VDC (for 100-ETA)</i> <i>110...240V50/60Hz (for 100-ETB and 100-ETY)</i> <i>24V50/60Hz (for 100-ETB)</i> <i>24...48VDC (for 100-ETA)</i>
<i>4</i>	<i>3</i>  <i>30</i> <i>180</i>	<i>Time Range</i> <i>0.1...3s (for 100-ETA)</i> <i>0.3...3s (for 100-ETB)</i> <i>1...30s</i> <i>10...180s</i>

### *E.) Mechanical Interlocks*

100-MC	A	02
1	2	3

<i>Position</i>	<i>Catalogue No. Suffix</i>	<i>Options/Descriptions</i>
<i>1</i>	<i>100-MC</i>	<i>Base Catalogue Number of Mechanical Interlock</i>
<i>2</i>	<i>A</i> <i>B</i> <i>C</i>	<i>Terminal Designation</i> <i>21-22, 21-22 or none (no contacts provided)</i> <i>55-56, 65-66</i> <i>21-22, 31-32</i>
<i>3</i>	<i>00</i> <i>02</i>	<i>Contact Configuration</i> <i>No contacts provided</i> <i>Two N.C. contacts provided</i>

### *F.) Mechanical Latches*

100-FL	11	G
1	2	3

<i>Position</i>	<i>Catalogue No. Suffix</i>	<i>Options/Descriptions</i>
<i>1</i>	<i>100-FL</i>	<i>Base Catalogue Number of Mechanical Latch</i>
<i>2</i>	<i>11</i>	<i>One N.C. contact and one N.O. contact</i>
<i>3</i>	<i>One or two letters</i>	<i>Control Voltage Coil Code (designates coil-voltage and -frequency)</i> <i>AC coil code (conventional AC coil: 24...440V50Hz)</i> <i>AC coil code (conventional AC coil: 24...480V60Hz)</i>

## *Accessories Catalogue Number Explanation (continued)*

### *G.) Suppressor Modules*

100-FS	D	250	W
1	2	3	4

<i>Position</i>	<i>Catalogue No. Suffix</i>	<i>Options/Descriptions</i>
<i>1</i>	<i>100-FS 100-CRFS</i>	<i>Base Catalogue Number Suppressor Module for use with Contactor Relays with screw terminals Suppressor Module for use with Contactor Relays with spring force terminals</i>
<i>2</i>	<i>C D V</i>	<i>Module Type RC-Module Diode-Module Varistor-Module</i>
<i>3</i>	<i>Two or three digits</i>	<i>Designates voltage range</i>
<i>4</i>	<i>No suffix  W</i>	<i>Designates, that Suppressor Module is provided with connectors which fit to the coil terminal of the Contactor Relay Designates, that Suppressor Module is provided with wire leads for connection to the coil terminal of the Contactor Relay</i>

### *H.) Electronic DC Interfaces*

100-JE	24KN
1	2

<i>Position</i>	<i>Catalogue No. Suffix</i>	<i>Options/Descriptions</i>
<i>1</i>	<i>100-JE</i>	<i>Base Catalogue Number of Electronic DC Interface</i>
<i>2</i>	<i>No suffix 12 24KN 48</i>	<i>Input voltage 24VDC; output voltage 110...240V50/60Hz Input voltage 6...12VDC; output voltage 110...240V50/60Hz Input voltage 24VDC; output voltage 110...400V50/60Hz Input voltage 35...48VDC; output voltage 110...240V50/60Hz</i>