

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

<b>Product:</b>		<b>IEC Contactor Relays, Safety Contactor Relays and Accessories</b>
<b>Name and address of the manufacturer:</b>		<b>Name and address of the authorised representative:</b>
<b>Rockwell Automation Inc.</b> <b>1201 South 2nd Street</b> <b>Milwaukee, WI 53204</b> <b>U.S.A.</b>		<b>Rockwell Automation NV</b> <b>Pegasus Park</b> <b>De Kleetlaan 12A</b> <b>1831 Diegem</b> <b>Belgium</b>
This declaration of conformity is issued under the sole responsibility of the manufacturer.		
<b>Object of the declaration:</b>		<b>Allen-Bradley 700-C(R)F, 700S-C(R)F Series and Accessories</b> (reference the attached list of catalogue numbers)
The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:		
2014/35/EU	Low Voltage Directive	(LVD)
2014/30/EU	EMC Directive	(EMC)
2011/65/EU	RoHS Directive	(RoHS)
References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:		
EN 60947-5-1:2017	Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices	
EN 60947-5-4:2003+A1:2019	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	
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	
Signed for and on behalf of the above named manufacturer:		
<b>Place and date of issue:</b>	Aarau, Switzerland	20-May-2021
<b>Name, function:</b>	Daniel Baumann, Manager – Product Compliance Engineering	
<b>Signature:</b>	i.V. <u><i>Daniel Baumann</i></u>	

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

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

<b><i>Position</i></b>	<b><i>Catalogue No. Suffix</i></b>	<b><i>Options/Descriptions</i></b>
7	<i>No suffix D00, D01, D10, D00G, D01G, D10G</i>	<i>Coil Type 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</i>
8	<i>No suffix C  BC</i>	<i>Contact Configuration 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</i>
9	<i>No suffix -X3</i>	<i>Options No option Terminal Covers not provided (for 700-C(R)F)</i>

## *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	Base Catalogue Number of Side Mounted Auxiliary Contact Block
2	A B D	Terminal Identification Starting with a blank space which is filled out according to customer's need (preferably for use with 700-C(R)F Contactor Relays) 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) Starting with digit "2" (preferably for use with 100-C Contactors of size 09, 12, 16, 23, 30, 37)
3	No suffix L	Contact Configuration Standard contacts One early make N.O. contact and one late break N.C. contact
4	Two digits	Contact Configuration First digit designates number of N.O. contacts Second digit designates number of N.C. contacts

### *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	Base Catalogue Number of Pneumatic Timing Module
2	A B	Delay Type On-delay Off-delay
3	30 180	Time Range 0.3...30s 1.8...180s

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

### *E.) Mechanical Interlocks*

100-MC	A	02
1	2	3

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

### *F.) Mechanical Latches*

100-FL	11	G
1	2	3

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

## *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</i> <i>100-CRFS</i>	<i>Base Catalogue Number</i> <i>Suppressor Module for use with Contactor Relays with screw terminals</i> <i>Suppressor Module for use with Contactor Relays with spring force terminals</i>
<i>2</i>	<i>C</i> <i>D</i> <i>V</i>	<i>Module Type</i> <i>RC-Module</i> <i>Diode-Module</i> <i>Varistor-Module</i>
<i>3</i>	<i>Two or three digits</i>	<i>Designates voltage range</i>
<i>4</i>	<i>No suffix</i>  <i>W</i>	<i>Designates, that Suppressor Module is provided with connectors which fit to the coil terminal of the Contactor Relay</i> <i>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</i> <i>12</i> <i>24KN</i> <i>48</i>	<i>Input voltage 24VDC; output voltage 110...240V50/60Hz</i> <i>Input voltage 6...12VDC; output voltage 110...240V50/60Hz</i> <i>Input voltage 24VDC; output voltage 110...400V50/60Hz</i> <i>Input voltage 35...48VDC; output voltage 110...240V50/60Hz</i>