Déclaration De Conformité Du Maroc

Produit:	***IEC Contactors, Safety Contactors, Reversing Contactors, Safety Reversing Contactors and Accessories***

Nom et adresse du fabricant: ***Rockwell Automation, Inc.*** ***1201 South 2nd Street*** ***Milwaukee, WI 53204*** ***USA***	*Nom et adresse du représentant autorisé:* ***Rockwell Automation NV*** ***Pegasus Park*** ***De Kleetlaan 12A*** ***1831 Diegem*** ***Belgium***

La présente déclaration de conformité est établie sous la seule responsabilité du fabricant.

Objet de la declaration:	***Allen-Bradley 100-C, 100S-C, 100Q-C, 104-C, 104S-C Séries*** *(faire référence à la liste ci-jointe des numéros de catalogue)*

L'objet de la déclaration décrit ci-dessus est conforme aux Ordonnance(s) suivantes du Ministre de l'Industrie, du Commerce, de l'Investissement et de l'Économie numérique:

Arrêté ministériel n° 6404-15 du 1 er muharram 1437 (15 octobre 2015)	*Équipements électriques destinés à être utilisés sous certaines limites de tension*
Arrêté ministériel n° 6404-15 du 29 ramadan 1436 (16 juillet 2015)	*Compatibilité électromagnétique des équipements*

Références des normes harmonisées pertinentes appliquées ou des autres spécifications techniques par rapport auxquelles la conformité est déclarée

NM EN 60947-4-1	*2014*	*Appareillage à basse tension – Partie 4-1: Contacteurs et démarreurs de moteurs – Contacteurs et démarreurs électromécaniques*
NM EN 60947-5-1	*2014*	*Appareillage à basse tension – Partie 5-1: Appareils et éléments de commutation pour circuits de commande – Appareils électromécaniques pour circuits de commande*

Signé pour et au nom du fabricant mentionné ci-dessus:

Lieu et date de délivrance:	*Aarau, Switzerland* *31-Mar-2021*
Nom, fonction:	*Daniel Baumann, Manager – Product Compliance Engineering*
Signature:	i.V. Daniel Baumann

Numéro de catalogue [1]	***Séries***	***La description***
100*-C********		*IEC Contactors with conventional coil per Nomenclature*
100*-C****E****		*IEC Contactors with electronically-controlled DC coil per Nomenclature*
100*-C****Q****		*IEC Contactors with electronically-controlled DC coil per Nomenclature*
104*-C********		*IEC Reversing Contactors with conventional coil per Nomenclature*
104*-C****E****		*IEC Reversing Contactors with electronically-controlled DC coil per Nomenclature*
104*-C****Q****		*IEC Reversing Contactors with electronically-controlled DC coil per Nomenclature*
Accessoires		
100*-*F****		*Front Mounted Auxiliary Contact Blocks per Nomenclature*
100-S***		*Side Mounted Auxiliary Contact Blocks per Nomenclature*
100-ET***		*Electronic Timing Modules per Nomenclature*
100-MC**		*Mechanical Interlocks per Nomenclature*
100-FL**		*Mechanical Latches per Nomenclature*
100-*FS***		*Suppressor Modules per Nomenclature*
100-JE*		*Electronic DC Interfaces per Nomenclature*
100-CT**		*Terminal Lug Kits per Nomenclature*
100-CP*		*Paralleling Links per Nomenclature*

1) Les produits du niveau de série indiqué, ainsi que les niveaux de série suivants, sont certifiés. Si aucune lettre ou chiffre de série n'est donné, toutes les séries sont certifiées.

MODEL NOMENCLATURE:

IEC Contactors, Safety Contactors, Reversing Contactors, Safety Reversing Contactors Catalogue Number Explanation

100S-C		09		U	EJ	14	BC	
1	2	3	4	5	6	7	8	9

Position	***Catalogue No. Suffix***	***Options/Descriptions***
1	*100-C* *100S-C* *100Q-C* *104-C* *104S-C*	*Base Catalogue Number* *IEC Contactor (3-poles and 4-poles)* *IEC Safety Contactor (3-poles and 4-poles)* *IEC Capacitor Switching Contactor (3-poles, contactor sizes 16 and 37)* *IEC Reversing Contactor (3-poles)* *IEC Safety Reversing Contactor (3-poles)*
2	*No suffix* *R*	*Terminal Type* *Screw terminals* *Spring force terminals*
3	*09, 12, 16, 23* *30, 37, 40* *43, 55* *60, 72, 85, 90, 97*	*Contactor Size*
4	*No suffix* *S*	*Function or Layout* *Nothing specified* *Coil with three field wiring terminals (for Contactor sizes 9, 12, 16, 23, 30, 37)*
5	*No suffix* *U*	*Coil Terminals Position* *Line side coil terminals* *Load side coil terminals (bottom)*
6	*One, two or three 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…415V50/60Hz, double frequency)* *DC coil code (conventional DC coil: 9…250VDC). Two letter code starting with "Z" or "D"; "D" designates integrated bi-directional diode between coil terminals* *DC coil code (electronically-controlled DC coil: 12…250VDC). Two letter code starting with "E"(contactor sizes 09, 12, 16, 23, 30, 37, 40, 43, 55)* *DC coil code (electronically-controlled DC coil with reduced drop-out time: 12…250VDC). Two letter code starting with "Q" (contactor sizes 09, 12, 16, 23, 30, 37, 40, 43, 55)* *DC coil code (Double Winding Coil: 9…110VDC). Two letter code starting with "Y"*

IEC Contactors, Safety Contactors, Reversing Contactors, Safety Reversing Contactors Catalogue Number Explanation (continued)

Position	*Catalogue No. Suffix*	*Options/Descriptions*
7	*00, 01, 02, 10, 11, 13, 14, 22, 23, 31, 32* *200, 300, 400*	*Contact Configuration of Contactors (3-poles)* *Contact Configuration of Contactors (4-poles)*
	02, 03, 04, 05, 11, 12, 13, 14, 21, 22, 23, 30, 31, 32, 40, 41, 50, 204, 222, 302, 304, 311, 313, 322, 331, 402, 404, 405, 411, 413, 414, 422, 423, 431, 432	*Contact Configuration of Safety Contactors*
	11, 20	*Contact Configuration of Capacitor Switching Contactors*
	02, 22	*Contact Configuration of Reversing Contactors*
	008, 010, 012, 210	*Contact Configuration of Safety Reversing Contactors*
	-D00, -D01, -D02, -D10, -D11, -D20, -E00, -E01, -E10, -D00G, -D01G, -D02G, -D10G, -D11G, -D20G, -E00G, -E01G, -E10G, -200-D00, -300-D00, -400-D00, -200-D01, -300-D01, -400-D01, -200-D10, -300-D10, -400-D10, -200-D00G, -300-D00G, -400-D00G, -200-D01G, -300-D01G, -400-D01G, -200-D10G, -300-D10G, -400-D10G	*Contact Configuration of Contactors with Double Winding Coil (prefix "Y")* *Prefix "D" is for contactors of sizes 09, 12, 16, 23* *Prefix "E" is for contactors of sizes 30, 37, 43, 55* *Suffix "G" designates that the coil switch-over contact is mounted to the left side of contactor; no suffix at this position designates that the coil switch-over contact is mounted to the right side of contactor*
	-D04, -D06, -D22, -D24, -D42, -E04, -E22	*Contact Configuration of Reversing Contactors with Double Winding Coil (prefix "Y")* *Prefix "D" is for reversing contactors of sizes 09, 12, 16, 23* *Prefix "E" is for reversing contactors of sizes 30, 37, 43, 55*
8	*No suffix* *C* *BC*	*Regular Auxiliary Contact Block* *Auxiliary Contact Blocks on Safety (Reversing) Contactors with standard moveable contacts* *Auxiliary Contact Blocks on Safety (Reversing) Contactors with bifurcated moveable contacts*
9	 *No suffix* *X1* *-X2* *-X3* *-X6* *X50* *-15* *-16* *M* *19B*	*Options (may be combined with "-")* *No option* *Coil terminal entry from the side* *Control wiring provided (Reversing Contactors only)* *Terminal Covers not provided* *Spade connectors provided (Reversing Contactors only)* *Customized specific option* *Spade connectors provided (Contactors only)* *Spade connectors provided (Contactors only)* *Multipack* *Omit power wiring kit (Reversing Contactors only)*

Accessories Catalogue Number Explanation

A.) Front Mounted Auxiliary Contact Blocks

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

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

B.) Side Mounted Auxiliary Contact Blocks

100-S	B	L	11
1	2	3	4

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

Accessories Catalogue Number Explanation (continued)

C.) Electronic Timing Modules

100-ET	B	KJ	3
1	2	3	4

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

D.) Mechanical Interlocks

100-MC	A	00
1	2	3

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

Accessories Catalogue Number Explanation (continued)

E.) Mechanical Latches

100-FL	11	K
1	2	3

Position	*Catalogue No. Suffix*	*Options/Descriptions*
1	*100-FL*	*Base Catalogue Number of Mechanical Latch*
2	*11*	*One N.C. 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)*

F.) Suppressor Modules

100-FS	C	48	W
1	2	3	4

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

G.) Electronic DC Interfaces

100-JE	12
1	2

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

Accessories Catalogue Number Explanation (continued)

H.) Terminal Lug Kits

100-CT	N	23
1	2	3

Position	*Catalogue No. Suffix*	*Options/Descriptions*
1	*100-CT*	*Base Catalogue Number of Terminal Lug Kit*
2		*Connection Side*
	No suffix	*Line or load side*
	N	*Line side (only for 100-CTN23)*
	L	*Load side (only for 100-CTL23)*
3		*Max. AC-1 Current*
	23	*45A*
	37	*60A*
	43	*90A*
	85	*130A*

I.) Paralleling Links

100-CP	23
1	2

Position	*Catalogue No. Suffix*	*Options/Descriptions*
1	*100-CP*	*Base Catalogue Number of Paralleling Link*
2		*Max. AC-1 Current*
	23	*100A*
	37	*150A*