UK Declaration of Conformity

Product:	***NEMA Motor Contactors, Safety Motor Contactors, Reversing Motor Contactors, Lighting Contactors and Accessories***

Name and address of the manufacturer: ***Rockwell Automation Inc.*** ***1201 South 2nd Street*** ***Milwaukee, WI 53204*** ***U.S.A.***	*Name and address of the authorised representative:* ***Rockwell Automation Ltd.*** ***Pitfield*** ***Kiln Farm*** ***Milton Keynes*** ***MK11 3DR***

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

Object of the declaration:	***Allen-Bradley 300, 300S, 305, 500, 500L, 500-NX Series and Accessories*** *(reference the attached list of catalogue numbers)*

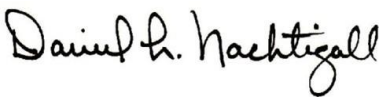
The object of the declaration described above is in conformity with the relevant UK Statutory Instruments (and their amendments):

2016 No. 1101	*Electrical Equipment (Safety) Regulations (LV)*
2016 No. 1091	*Electromagnetic Compatibility Regulations (EMC)*
2012 No. 3032	*Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations (RoHS)*

References to the relevant designated standards used or references to the other technical specifications in relation to which conformity is declared:

EN IEC 60947-4-1: 2019+AC:2020-05	*Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters*
EN 60947-5-1:2017+AC:2020-05	*Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices*
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:

Place and date of issue:	*Milwaukee, WI USA* *30-Jun-2024*
Name, function:	*Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering*
Signature:	

Catalogue number	*Series* [1]	*Description*	*Statutory Instrument* [2]		
			EMC	*LV*	*RoHS*
300 – * * * * *		*NEMA Motor Contactors sizes 0, 1, 2, 3 with conventional coil per Nomenclature*	*N/R*	*Yes*	*Yes*
300 – * * E* * *		*NEMA Motor Contactors sizes 00, 0, 1, 2, 3 with electronically-controlled DC or AC/DC coil per Nomenclature*	*Yes*	*Yes*	*Yes*
300 – * * Q* * *		*NEMA Motor Contactors sizes 00, 0, 1, 2 with electronically-controlled DC coil per Nomenclature*	*Yes*	*Yes*	*Yes*
300 – * * * * *		*NEMA Motor Contactors sizes 00, 0, 1, 2, 3, 4, 5, 6, 7, 8 with electronically-controlled DC or AC/DC coil per Nomenclature*	*Yes*	*Yes*	*Yes*
300S – * * * * *		*NEMA Safety Motor Contactors sizes 00, 0, 1, 2, 3, 4, 5, 6, 7 with electronically-controlled DC or AC/DC coil per Nomenclature*	*Yes*	*Yes*	*Yes*
305 – * * * -23* *		*NEMA Reversing Motor Contactors size 3 with conventional coil per Nomenclature*	*N/R*	*Yes*	*Yes*
305 – * * * -23* *		*NEMA Reversing Motor Contactors sizes 00, 0, 1, 2, 3, 4 with electronically-controlled DC or AC/DC coil per Nomenclature*	*Yes*	*Yes*	*Yes*
500 – * * * *		*NEMA Motor Contactors size 00 with conventional coil per Nomenclature*	*N/R*	*Yes*	*Yes*
500 – * * E* * 500 – * * Q* *		*NEMA Motor Contactors size 00 with electronically-controlled DC coil per Nomenclature*	*Yes*	*Yes*	*Yes*
500L – * * * *		*NEMA Lighting Contactors size 00 with conventional coil per Nomenclature*	*N/R*	*Yes*	*Yes*
500L – * * E* * 500L – * * Q* *		*NEMA Lighting Contactors size 00 with electronically-controlled DC coil per Nomenclature*	*Yes*	*Yes*	*Yes*
500 – NX * *		*NEMA Motor Contactors size 00 with conventional coil per Nomenclature*	*N/R*	*Yes*	*Yes*
500 – NX * E* 500 – NX * Q*		*NEMA Motor Contactors size 00 with electronically-controlled DC coil per Nomenclature*	*Yes*	*Yes*	*Yes*
Accessories					
599 – M00 *		*Mechanical Interlock per Nomenclature*	*N/R*	*Yes*	*Yes*
100 – ETC * *		*Terminal Covers per Nomenclature*	*N/R*	*N/R*	*Yes*
100 – EHS * 100 – EHF *		*Hardware Kits ('*' denotes Contactor size in Amps)*	*N/R*	*N/R*	*Yes*
100 – EM * *		*Mounting Plates per Nomenclature*	*N/R*	*N/R*	*Yes*

1) Products of the series level indicated, as well as succeeding series levels, are certified. If no series letter or number is given, then all series are certified.

2) Yes = Product is certified to this Statutory Instrument.
N/R = This Statutory Instrument is not required for this product.

NOMENCLATURE:

NEMA Motor Contactors, Safety Motor Contactors, Reversing Motor Contactors, Lighting Contactors Catalogue Number Explanation

300-	E	O	D	9311	-L
1	2	3	4	5	6

Position	*Catalogue No. Suffix*	*Options/Descriptions*
1		*Base Catalogue Number*
	300-	*NEMA Motor Contactor sizes 00, 0, 1, 2, 3, 4, 5, 6, 7, 8*
	300S-	*NEMA Safety Motor Contactor sizes 00, 0, 1, 2, 3, 4, 5, 6, 7*
	305-	*NEMA Reversing Motor Contactor sizes 00, 0, 1, 2, 3, 4, 5, 6, 7*
	500-	*NEMA Motor Contactor size 00*
	500L-	*NEMA Lighting Contactor size 00*
2		*NEMA Contactor Size*
	A	*NEMA size 0*
	B	*NEMA size 1*
	C	*NEMA size 2*
	D	*NEMA size 3*
	E	*NEMA size 4*
	F	*NEMA size 5*
	G	*NEMA size 6*
	H	*NEMA size 7*
	J	*NEMA size 8*
	T	*NEMA size 00*
3		*NEMA Enclosure Type*
	O	*No Enclosure (open type)*
4		*Control Voltage Code (indicates coil-voltage and -frequency)*
	One, two or three letters	*NEMA sizes 00…3:* *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)* *AC coil code (electronically-controlled AC coil: 24…500V50/60Hz, double frequency)* *DC coil code (conventional DC coil: 9…250VDC). Two letter code starting with "Z" or "D"; "D" indicates integrated bi-directional diode between coil terminals* *AC/DC coil code (electronically-controlled coil: 24…500VAC/DC. One letter code* *DC or AC/DC coil code (electronically-controlled coil: 12…500VAC/DC). Two or three 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" (NEMA sizes 00…2)*
	One letter with optional prefix 'E'	*NEMA sizes 4…8:* *AC/DC coil code (electronically-controlled coil): 24…500VAC/DC. One letter code.* *AC/DC coil code (electronically-controlled coil with PLC control input): 24…60VDC or 48…500VAC/DC. One letter code with prefix 'E'.*

NEMA Motor Contactors, Safety Motor Contactors, Reversing Motor Contactors, Lighting Contactors Catalogue Number Explanation (continued)

Position	*Catalogue No. Suffix*	*Options/Descriptions*
5		*Number of electric Poles*
	92	*Two main poles (for NEMA size 00 contactor only)*
	93	*Three main poles (for NEMA size 00 contactor only)*
	94	*Four main poles (for NEMA size 00 contactor only)*
	920	*Two main poles and one N.O. auxiliary contact (for NEMA size 00 contactor only)*
	930	*Three main poles and one N.O. auxiliary contact (for NEMA sizes 00, 0, 1, 2, 3 contactors)*
	93, followed by two digits and an optional letter 'C'	*Three main poles (for NEMA sizes 00…8 contactors). First digit indicates number of N.O. contacts. Second digit indicates number of N.C. contacts. Letter 'C' indicates Safety Motor Contactor.*
	94, followed by two digits	*Four main poles (for NEMA sizes 00…3 contactors). First digit indicates number of N.O. contacts. Second digit indicates number of N.C. contacts.*
	-23, followed by an optional letter 'Z'	*Reversing Motor Contactor (305 series) with three main poles (for NEMA sizes 00…4 contactors). Letter 'Z' indicates mechanical interlock.*
6		*Options*
	Blank	*Bar or terminal connection*
	-L	*With built-in Terminal Lugs (for NEMA size 4 contactors).*

Accessories Catalogue Number Explanation

A.) Mechanical Interlocks

599 – M00	R
1	2

Position	*Catalogue No. Suffix*	*Options/Descriptions*
1	*599 – M00*	*Base Catalogue Number of Mechanical Interlock for NEMA Contactor sizes 00, 0, 1, 2*
2	*Terminal Designation* *R* *W*	*Terminal Designation* *Line side 5 and 7; load side 3 and 6* *Line side 3 and 6; load side 5 and 7*

B.) Terminal Covers

100 – ETC	R	146
1	2	3

Position	*Catalogue No. Suffix*	*Options/Descriptions*
1	*100 – ETC*	*Base Catalogue Number of Terminal Cover for Motor Starters*
2	*Starter Type* *No suffix* *R*	*Starter Type* *Non Reversing Motor Starter* *Reversing Motor Starter*
3	*Starter Size Range* *146*	*Starter Size Range* *4*

C.) Mounting Plates

100 – EM	S	146
1	2	3

Position	*Catalogue No. Suffix*	*Options/Descriptions*
1	*100 – EM*	*Base Catalogue Number of Mounting Plate*
2	*Function* *R* *S* *RS*	*Function* *For Reversing Motor Contactors* *For Motor Starters (Contactor sizes 116…205)* *For Reversing Motor Starters (Contactor sizes 116…205)*
3	*Contactor Size Range (in Amps)* *146* *205* *370* *460* *750*	*Contactor Size Range (in Amps)* *116, 146* *190, 205* *265, 305,370* *400, 460* *580, 750*