EU Declaration of Conformity

Product:	***ArmorStart DOL Distributed Motor Controllers***

Name and address of the manufacturer:	*Name and address of the authorised representative:*
Rockwell Automation Inc. ***1201 South 2nd Street*** ***Milwaukee, WI 53204*** ***U.S.A.***	***Rockwell Automation NV*** ***Pegasus Park*** ***De Kleetlaan 12A*** ***1831 Diegem*** ***Belgium***

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

Object of the declaration:	***Allen-Bradley 280 and 281 series*** *(reference the attached list of catalogue numbers)*

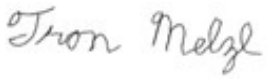
The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

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 60947-1:2007 +A1:2011 +A2:2014	*Low-voltage switchgear and controlgear – Part 1: General Rules*
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 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:	*Mequon, WI USA*	*04-Apr-2022*
Name, function:	*Tron Melzl, Manager, Product Certification Engineering*	
Signature:		

Catalogue number	*Series* [1]	*Description*
280x-xxxx-xx(x)-xx-*		*Non-reversing full-voltage starters per Nomenclature*
281x-xxxx-xx(x)-xx-*		*Reversing full-voltage starters per Nomenclature*
280x-xN-x-x-*		*Base module per Nomenclature*
280x-xxx-Nx-x-*		*Non-reversing full-voltage control module per Nomenclature*
281x-xxx-Nx-x-*		*Reversing full-voltage starter control module per Nomenclature*

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.*

NOMENCLATURE:

Complete DOL Controller Assemblies

280	**D**	**-**	**F**	**12**	**B**	**-**	**25**	**B**	**-**	**CR**	**-**	**3FR**	**SM**
1	2		3	4	5		6	7		8		9	10

1	Designates Product Type 280 – ArmorStart non-reversing starter 281 – ArmorStart reversing starter
2	Designates Communication Protocol Type A – ArmorPoint D – DeviceNet E – EtherNet/IP G – DeviceNet with 6-input module
3	Designates Enclosure Type F – Cast aluminium (Type 4, IP 67) S – Cast aluminium (Type 4X, IP 67)
4	Designated Magnetic Controller Type 12 – 100-C12 contactor 23 – 100-C23 contactor
5	Designates Control Voltage B – 240 V ac D – 120 V ac Z – 24 V dc S- safety Version
6	Designates Manual Motor Controller Size 10 – 140M-D8N-C10 25 – 140M-D8N-C25
7	Designates Overload Current Range A – 0.24 to 1.2 A B – 0.5 to 2.5 A C – 1.1 to 5.5 A D – 3.2 to 16.0 A
8	Designates Line/Load Connection Type CR – Conduit (line)/round connector (load) with variable cable options CRW – Conduit (line)/round connector (load) with No Cables GR – Gland plate w/connector and conduit (line), round connector (load) variable cable options GRW – Gland plate w/connector and conduit (line), round connector (load) with No Cables RR – Receptacle for ArmorConnect (Round media line/load) with variable cable options RRW – Receptacle for ArmorConnect (Round media line/load) with No Cables RRG – Round media safety connector
9	Option 1 3 – Hand-Off-Auto selector 3FR – Hand-Off-Auto selector with Forward/Reverse CBG – Control brake option
10	Option 2 SM – Safety Monitor (mechanically-linked/mirror contact monitoring option) P1 – Special programming option

1) *Option 1(nomenclature 9) and 2 (nomenclature 10) can be any combination, multiple, or lack there of*

DOL Control Module Assemblies

280	D	-	F	12	D	-	N	B	-	R	-	3FR	SM
1	2		3	4	5		6	7		8		9	10

1	Designates Product Type 280 – ArmorStart non-reversing starter 281 – ArmorStart reversing starter
2	Designates Communication Protocol Type A – ArmorPoint D – DeviceNet E – EtherNet/IP G – DeviceNet with 6-input module
3	Designates Enclosure Type F – Cast aluminium (Type 4, IP 67) S – Cast aluminium (Type 4X, IP 67)
4	Designated Magnetic Controller Type 12 – 100-C12 contactor 23 – 100-C23 contactor
5	Designates Control Voltage B – 240 V ac D – 120 V ac Z – 24 V dc S- safety Version
6	Designates Control Module Type N – Control module only (no base module)
7	Designates Overload Current Range A – 0.24 to 1.2 A B – 0.5 to 2.5 A C – 1.1 to 5.5 A D – 3.2 to 16.0 A
8	Designates Load Connection Type R – Receptacle for ArmorConnect (round media) RG – M35 receptacle for ArmorConnect (round media, 10 AWG) RRG – Round media safety connector
9	Option 1 3 – Hand-Off-Auto selector 3FR – Hand-Off-Auto selector with Forward/Reverse CBG – Control brake option
10	Option 2 SM – Safety Monitor (mechanically-linked/mirror contact monitoring option) P1 – Special programming option

1) Option 1(nomenclature 9) and 2 (nomenclature 10) can be any combination, multiple, or lack there of

Base Module Assemblies:

280	**D**	**-**	**F**	**N**	**-**	**10**	**-**	**C**	**-**	**SM**
1	2		3	4		5		6		7

1	Designates Product Type 280 – ArmorStart non-reversing starter 281 – ArmorStart reversing starter
2	Designates Communication Protocol Type A – ArmorPoint E – EtherNet/IP D – DeviceNet G – DeviceNet with 6-input module
3	Designates Enclosure Type F – Cast aluminium (Type 4, IP 67) S – Cast aluminium (Type 4X, IP 67)
4	Designates Base Module Type N – Base module only (no control module)
5	Designates Manual Motor Controller Size 10 – 140M-D8N-C10 25 – 140M-D8N-C25
6	Designates Line Connection Type C – Conduit R – Receptacle for ArmorConnect (round media) RG – Receptacle for ArmorConnect (Round media line/load) with 10 AWG conductors
7	Designates Options SM – Safety Monitor (mechanically-linked/mirror contact monitoring option) TB – Spring clamp terminal block

1) *Nomenclature 7 can be any combination, multiple, or lack there of*