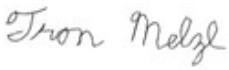
UKCA Declaration of Conformity

Product:	***ArmorStart DeviceNet Safety Distributed Motor Controllers***
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 280D, 280G, 281D, and 281G Series*** *(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 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-starter*
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* *30-Aug-2021*
Name, function:	*Tron Melzl, Manager, Product Compliance Engineering*
Signature:	

Catalogue number	*Series* [1]	*Description*
280x-FxxS-xx-x-*		*Non-reversing full-voltage safety starters per Nomenclature*
281x-FxxS-xx-x-*		*Reversing full-voltage safety starters per Nomenclature*
280x-FxxS-Nx-x-*		*Non-reversing full-voltage safety starter control module per Nomenclature*
281x-FxxS-Nx-x-*		*Reversing full-voltage safety starter control module per Nomenclature*
280x-FNS-x-*		*Safety base 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 Safety Starter Assemblies:

280	**D**	**-**	**F**	**12**	**S**	**-**	**10**	**C**	**-**	**CR**	**-**	**3**
1	2		3	4	5		6	7		8		9

1.	Designates Product Type 280 – ArmorStart non-reversing starter 281 – ArmorStart reversing starter
2.	Designates Communication Protocol Type D – DeviceNet G – DeviceNet with 6-input module
3.	Designates Enclosure Type F – Cast aluminium (Type 4, IP 67)
4.	Designated Magnetic Controller Type 12 – 100-C12 contactor 23 – 100-C23 contactor
5.	Designates Control Voltage S – 24 V dc
6.	Designates Manual Motor Controller Size 10 – 140M-D8N-C10 25 – 140M-D8N-C25
7.	Designates Overload Current Range 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 RR – Receptacle for ArmorConnect (Round media line/load) with variable cable options RRW – Receptacle for ArmorConnect (Round media line/load) with no cables
9.	Option 1 3 – Hand-Off-Auto selector 3FR – Hand-Off-Auto selector with Forward/Reverse CBG – Control brake option

1) Option 1(nomenclature 9) can be any combination, multiple, or lack thereof.

DOL Safety Control Module Assemblies:

280	**D**	**-**	**F**	**12**	**S**	**-**	**N**	**B**	**-**	**R**	**-**	**3**
1	2		3	4	5		6	7		8		9

1.	Designates Product Type 280 – ArmorStart non-reversing starter 281 – ArmorStart reversing starter
2.	Designates Communication Protocol Type D – DeviceNet G – DeviceNet with 6-input module
3.	Designates Enclosure Type F – Cast aluminium (Type 4, IP 67)
4.	Designated Magnetic Controller Type 12 – 100-C12 contactor 23 – 100-C23 contactor
5.	Designates Control Voltage S – 24 V dc
6.	Designates Control Module Type N – Control module only (no base module)
7.	Designates Overload Current Range 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)
9.	Option 1 3 – Hand-Off-Auto selector 3FR – Hand-Off-Auto selector with Forward/Reverse CBG – Control brake option

1) *Option 1(nomenclature 9) can be any combination, multiple, or lack thereof.*

Safety Base Module Assemblies:

280	**G**	**-**	**F**	**NS**	**-**	**25**	**-**	**RG**
1	2		3	4		5		6

1.	Designates Product Type 280 – ArmorStart non-reversing starter 281 – ArmorStart reversing starter
2.	Designates Communication Protocol Type D – DeviceNet G – DeviceNet with 6-input module
3.	Designates Enclosure Type F – Cast aluminium (Type 4, IP 67)
4.	Designates Base Module Type NS – 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 – ArmorConnect Power media RR – Receptacle for ArmorConnect (round media) RG – Receptacle for ArmorConnect (Round media line/load) with 10 AWG conductors

1) nomenclature 6 can be any combination, multiple, or lack thereof.