

EC Declaration of Conformity

The undersigned, representing the manufacturer

Rockwell Automation, Inc.
1201 South 2nd Street
Milwaukee, WI 53204
USA

and the authorised representative established within the
Community

Rockwell Automation European Headquarters SA/NV
Vorstlaan/Boulevard du Souverain 36 – BP 3A/B
B-1170 Brussels
Belgium

herewith declare that the Products
Product identification (brand and
catalogue number/part number):

ArmorStart™ DOL Distributed Motor Controllers
Allen-Bradley Bulletin 280 and 281 Series
(reference the attached list of catalogue numbers)

are in conformity with the provisions of the following EC Directive(s) when installed in accordance with the
installation instructions contained in the product documentation:

2006/95/EC	Low Voltage Directive
2004/108/EC	EMC Directive

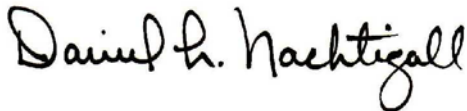
and that the standards and/or technical specifications referenced below have been applied:

EN 60947-1:2004	Low-voltage switchgear and controlgear – Part 1: General rules
EN 60947-4-1:2001 + A1:2002	Low-voltage switchgear and controlgear - Part 4-1 – Contactors and motor-starters – Electromechanical contactors and motor-starters

Year of CE Marking	2003
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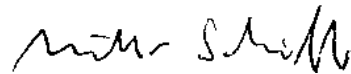
Manufacturer:

Authorised Representative in the Community:



Signature

Name: Daniel L. Nachtigall
Position: SPV – Product Certification Engineering
Date: 27-Dec-2007



Signature

Name: Viktor Schiffer
Position: Engineering Manager
Date: 31-Jan-2008

<i>Catalogue number</i>	<i>Series ¹</i>	<i>Description</i>
280x-xxx-xx-x-x		<i>Non-reversing full-voltage starters per Nomenclature</i>
281x-xxx-xx-x-x		<i>Reversing full-voltage starters per Nomenclature</i>
280x-xN-x-x-x		<i>Base module per Nomenclature</i>
280x-xxx-Nx-x-x		<i>Non-reversing full-voltage control module per Nomenclature</i>
281x-xxx-Nx-x-x		<i>Reversing full-voltage starter control module per Nomenclature</i>

1) If no series number is given, then all series are covered

MODEL 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
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
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 GR* – Gland plate w/connector and conduit (line), round connector (load) variable cable options RR* – Receptacle for ArmorConnect (Round media line/load) with variable cable options
9.	Option 1 3 – Hand-Off-Auto selector 3FR – Hand-Off-Auto selector with Forward/Reverse
10.	Option 2 SM – Safety Monitor (mechanically-linked/mirror contact monitoring option) P1 – Special programming option

MODEL NOMENCLATURE (cont): 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
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
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)
9.	Option 1 3 – Hand-Off-Auto selector 3FR – Hand-Off-Auto selector with Forward/Reverse
10.	Option 2 SM – Safety Monitor (mechanically-linked/mirror contact monitoring option) P1 – Special programming option

MODEL NOMENCLATURE (cont): 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 D – DeviceNet
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)
7.	Designates Options SM – Safety Monitor (mechanically-linked/mirror contact monitoring option) TB – Spring clamp terminal block