Australian Declaration of Conformity

The undersigned, representing the Manufacturer:	*and the Authorised Supplier within Australia:*
Rockwell Automation Inc.	***Rockwell Automation Australia Ltd.***
1201 South 2nd Street	***841 Mountain Highway***
Milwaukee, WI 53204	***Bayswater, Vic. 3153***
U.S.A.	***Australia***
Supplier Number (ERAC): E519	***Australian Business Number (ABN): 80005549477***

Herewith declare that the Products:	***ArmorStart Drive Distributed Motor Controller***
Product identification:	***Allen-Bradley 284 series***
	(reference the attached list of catalogue numbers)

are in conformity with the following when installed in accordance with the installation instructions contained in the product documentation:

Radiocommunications Act:1992 (including Amendments up to 2018)

Radiocommunications (Electromagnetic Compatibility) Standard 2017

Radiocommunications Labelling (Electromagnetic Compatibility) Notice 2017

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

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*

Compliance Folder is maintained at:	Rockwell Automation Australia Ltd. 841 Mountain Highway Bayswater, Vic. 3153 Australia
Document No.:	*AUS-0606-EN*

Signed for and on behalf of the above named Manufacturer:

Place and date of issue:	*Mequon, WI. USA November 5, 2019*
Name, function:	*Tron Melzl, Manager – Product Compliance Engineering*
Signature:	

Catalogue number	*Series* [1]	*Description*
284x-*		*Vector-controlled drive complete assemblies per Nomenclature*
284x-*		*Vector-controlled drive control modules per Nomenclature*
284x-xN-*		*Base module per Nomenclature*

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

MODEL NOMENCLATURE: Complete Vector-Controlled Drive Assemblies

284	D	-	F	V	D4P0	D	-	10	-	CR	-	3	-	SB	-	OC
1	2		3	4	5	6		7		8		9		10		11

1	Product Line 284 – ArmorStart Distributed Motor Controller for AC Drive Applications
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	Designates Mode of Operation H – Sensorless vector performance (PF4 drive) V – Sensorless vector performance (PF40 drive)
5	Designates Output Current/kW (hp) <u>200-240 V ac</u> <u>380-480 V ac</u> <u>500-600 V ac</u> B2P3 – 2.3 A, 0.4 kW (0.5 hp) D1P4 – 1.4 A, 0.4 kW (0.5 hp) E1P7 – 1.7 A, 0.75 kW (1.0 hp) B4P5 – 4.5 A, 0.75 kW (1.0 hp) D2P3 – 2.3 A, 0.75 kW (1.0 hp) D4P0 E3P0 – 3.0 A, 1.5 kW (2.0 hp) B7P6 – 7.6 A, 1.5 kW (2.0 hp) – 4.0 A, 1.5 kW (2.0 hp) E4P2 – 4.2 A, 2.2 kW (3.0 hp) D6P0 – 6.0 A, 2.2 kW (3.0 hp) E6P6 – 6.6 A, 4.0 kW (5.0 hp) D7P6 – 7.6 A, 4.0 kW (5.0 hp)
6	Designates Control Voltage B – 240 V ac D – 120 V ac Z – 24 V dc S – 24V dc safety
7	Designates Motor Controller Size 10 – 10 A 25 – 25 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 variable cable options RRG – Round media safety connector
9	Option 1 3 – Hand-Off-Auto selector keypad
10	Option 2 CB* – Control break contactor with variable cable options DB* – Dynamic brake connector with variable cable options SB* – Source brake contactor variable cable options
11	Option 3 A10 – 0 to 10 V analogue input EMI – EMI filter specification OC – Output contactor SM – Safety Monitor (mechanically-linked/mirror contact monitoring option) NX2 – Custom EMI filter specification

1) '*' can be any alpha a-z or numeric number 0-9

2) Option 1(nomenclature 9), option 2 (nomenclature 10), and option 3 (nomenclature 11) can be any combination, multiple, or lack there of

MODEL NOMENCLATURE (cont): Vector-Controlled Drive Control Module Assemblies

284	D	-	F	V	D4P0	D	-	N	-	R	-	3	-	SB	-	OC
1	2		3	4	5	6		7		8		9		10		11

1	Product Line 284 – ArmorStart Distributed Motor Controller for AC Drive Applications
2	Communication Protocol Type A – ArmorPoint D – DeviceNet E – EtherNet/IP G – DeviceNet with 6-input module
3	Enclosure Type F – Cast aluminium (Type 4, IP 67) S – Cast aluminium (Type 4X, IP 67)
4	Mode of Operation H – Sensorless vector performance (PF4 drive) V – Sensorless vector performance (PF40 drive)
5	Output Current/kW (hp) 200-240 V ac B2P3 – 2.3 A, 0.4 kW (0.5 hp) B4P5 – 4.5 A, 0.75 kW (1.0 hp) B7P6 – 7.6 A, 1.5 kW (2.0 hp) 380-480 V ac D1P4 – 1.4 A, 0.4 kW (0.5 hp) D2P3 – 2.3 A, 0.75 kW (1.0 hp) D4P0 – 4.0 A, 1.5 kW (2.0 hp) D6P0 – 6.0 A, 2.2 kW (3.0 hp) D7P6 – 7.6 A, 4.0 kW (5.0 hp) 500-600 V ac E1P7 – 1.7 A, 0.75 kW (1.0 hp) E3P0 – 3.0 A, 1.5 kW (2.0 hp) E4P2 – 4.2 A, 2.2 kW (3.0 hp) E6P6 – 6.6 A, 4.0 kW (5.0 hp)
6	Control Voltage B – 240 V ac D – 120 V ac Z – 24 V dc S – 24 V dc safety
7	Control Module Type N – Control module only (no base module)
8	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 keypad
10	Option 2 CB* – Control break contactor DB* – Dynamic brake connector SB – Source brake contactor
11	Option 3 A10 – 0 to 10 V analogue input EMI – EMI filter OC – Output contactor SM – Mechanically-linked/mirror contact monitoring option NX2 – Custom EMI filter specification

1) '*' can be any alpha a-z or numeric number 0-9

2) Option 1(nomenclature 9), option 2 (nomenclature 10), and option 3 (nomenclature 11) can be any combination, multiple, or lack there of

MODEL NOMENCLATURE (cont): Vector-Controlled Drive Base Module Assemblies

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

1	Product Line 284 – ArmorStart Distributed Motor Controller for AC Drive Applications
2	Communication Protocol Type A – ArmorPoint E – EtherNet/IP D – DeviceNet G – DeviceNet with 6-input module
3	Enclosure Type F – Cast aluminium (Type 4, IP 67) S – Cast aluminium (Type 4X, IP 67)
4	Base Module Type N – Base module only (no control module)
5	Manual Motor Controller Size 10 – 140M-D8N-C10 25 – 140M-D8N-C25
6	Line Connection Type C – Conduit R – Receptacle for ArmorConnect (round media) RG – M35 receptacle for ArmorConnect (round media, 10 AWG)
7	Options SM – Safety Monitor (mechanically-linked/mirror contact monitoring option)

1) Option 1(nomenclature 7) can be any combination, multiple, or lack there of