

## *EU Declaration of Conformity*

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<i>Product:</i>	<b>AC Semiconductor Motor Starters</b>	
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<i>Name and address of the manufacturer:</i>	<i>Name and address of the authorised representative:</i>	
<b>Rockwell Automation Inc.</b>	<b>Rockwell Automation B.V.</b>	
<b>1201 South 2nd Street</b>	<b>Rivium Promenade 160</b>	
<b>Milwaukee, WI 53204</b>	<b>2909 LM Capelle aan den IJssel</b>	
<b>U.S.A.</b>	<b>The Netherlands</b>	

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

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<i>Object of the declaration:</i>	<b>Allen-Bradley 150-F Series</b>	
	<i>(reference the attached list of catalogue numbers)</i>	

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*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)

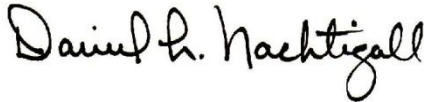
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*References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:*

EN 60947-4-2:2012	Low-voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – A.C. semiconductor motor controllers and starters	
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	

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*Signed for and on behalf of the above named manufacturer:*

<i>Place and date of issue:</i>	Milwaukee, WI USA	13-June-2019
<i>Name, function:</i>	Daniel L. Nachtigall – Technical Leader, Product Compliance Engineering	
<i>Signature:</i>		

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Catalogue number <sup>1</sup>	Series <sup>2</sup>	Description	Directive <sup>3</sup>		
			LVD	EMC	RoHS
150-FxNxxxxx		SMC Flex solid state motor controller per Nomenclature	Yes	Yes	Yes
150-FPPxx		SMC Flex power pole assembly per Nomenclature	Yes	N/R	Yes
150-Fxxx		SMC Flex control module assembly per Nomenclature	Yes	Yes	Yes
<b>Accessories</b>					
150-FF*		Cooling Fan	Yes	N/R	Yes
150-FHR*		Hall Effect Sensor (Frames 3-7)	N/R	N/R	Yes
150-F84*		Protective Module, 480 V	Yes	N/R	Yes
150-F86*		Protective Module, 600 V	Yes	N/R	Yes
150-TC*		Terminal Cover	N/R	N/R	Yes

1) \* may be any number or letter indicating options that do not impact this DoC.

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

3) Yes = Product is certified to this directive.

N/R = This directive is not required.

**NOMENCLATURE:**

**SMC Flex Complete Controller Assemblies:**

150	-	F	480	N	C	D	B	X	8B
1		2	3	4	5	6	7	8	9

1	Designates Product Line 150 – Solid state motor controller
2	Designates Controller Type F – SMC Flex
3	Designates Current Rating 5 – 5 A                      85 – 85 A                      251 – 251 A                      625 – 625 A 25 – 25 A                      108 – 108 A                      317 – 317 A                      780 – 780 A 43 – 43 A                      135 – 135 A                      361 – 361 A                      970 – 970 A 60 – 60 A                      201 – 201 A                      480 – 480 A                      1250 – 1250 A
4	Designates Enclosure Type N – No enclosure, open-type
5	Designates Input Voltage Rating B – 200...460V ac C – 200...575V ac Z – 230...690V ac
6	Designates Control Voltage Rating D – 100...240V ac (108 to 480 A devices) E – 110/120V AC (625...1250A units) A – 230/240V AC (625...1250A units) R – 24V ac/dc
7	Designates Control Options Blank – Standard B – Pump control D – Braking control
8	Designates Reconditioning Option Blank – Not reconditioned X – Reconditioned unit
9	Designates MOV Module Selection 8B – Line/load connected protective modules 8L – Line connected protective module 8M – Load connected protective module

NOMENCLATURE (cont.):

SMC Flex Power Pole Modules:

150-F	PP	135	B
1	2	3	4

1	Designates Product Line 150-F – Solid state motor controller (SMC Flex)																
2	Designates Product Type PP – Power pole module																
3	Designates Maximum Continuous Full Load Current Rating (Per Pole) <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">5 – 5 A</td> <td style="width: 25%;">85 – 85 A</td> <td style="width: 25%;">251 – 251 A</td> <td style="width: 25%;">625 – 625 A</td> </tr> <tr> <td>25 – 25 A</td> <td>108 – 108 A</td> <td>317 – 317 A</td> <td>780 – 780 A</td> </tr> <tr> <td>43 – 43 A</td> <td>135 – 135 A</td> <td>361 – 361 A</td> <td>970 – 970 A</td> </tr> <tr> <td>60 – 60 A</td> <td>201 – 201 A</td> <td>480 – 480 A</td> <td>1250 – 1250 A</td> </tr> </table>	5 – 5 A	85 – 85 A	251 – 251 A	625 – 625 A	25 – 25 A	108 – 108 A	317 – 317 A	780 – 780 A	43 – 43 A	135 – 135 A	361 – 361 A	970 – 970 A	60 – 60 A	201 – 201 A	480 – 480 A	1250 – 1250 A
5 – 5 A	85 – 85 A	251 – 251 A	625 – 625 A														
25 – 25 A	108 – 108 A	317 – 317 A	780 – 780 A														
43 – 43 A	135 – 135 A	361 – 361 A	970 – 970 A														
60 – 60 A	201 – 201 A	480 – 480 A	1250 – 1250 A														
4	Designates Input Line Voltage B – 200...480V C – 200...600V Z – 230...690V ac																

SMC Flex Control Modules:

150-F	S	1	FX
1	2	3	4

1	Designates Product Line 150-F – Solid state motor controller (SMC Flex)
2	Designates Product Type S – Standard control module B – Control module for pump control D – Control module for brake control
3	Designates Control Voltage 1 – 100...240V ac 2 – 24V ac/dc
4	Designates SMC Flex Controller Ratings FX – All ratings (5...1250 A), 230...480V ac or 200 to 600V ac AX – 5...85 A units only, 230...480V ac or 200...600V ac BX – 108...251 A units only, 230...480V ac or 200...600V ac CX – 317...480 A units only, 230...480V ac or 200...600V ac DX – 625...780 A units only, 230...480V ac or 200...600V ac EX – 970...1250 A units only, 230...480V ac or 200...600V ac FZ – All ratings (5...1250 A), 200...690V ac AZ – 5...85 A units only, 200...690V ac BZ – 108...251 A units only, 200...690V ac CZ – 317...480 A units only, 200...690V ac DZ – 625...780 A units only, 200...690V ac EZ – 970...1250 A units only, 200...690V ac