

## EU Declaration of Conformity

<b>Product:</b>	<b>Non-Contact Safety Interlock Switch</b>	
<b>Name and address of the manufacturer:</b> Rockwell Automation Inc. 1201 South 2nd Street Milwaukee, WI 53204 U.S.A.	<b>Name and address of the authorised representative:</b> Rockwell Automation B.V. Rivium Promenade 160 2909 LM Capelle aan den IJssel The Netherlands	
<i>This declaration of conformity is issued under the sole responsibility of the manufacturer.</i>		
<b>Object of the declaration:</b>	<b>Allen-Bradley / Guardmaster 440N-G Series</b> (reference the attached list of catalogue numbers)	
<i>The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:</i>		
2014/34/EU	ATEX Directive	(ATEX)
2006/42/EC	Machinery Directive	(MD)
2011/65/EU	RoHS Directive	(RoHS)
<i>References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:</i>		
EN 60947-5-3:2013	Low-voltage switchgear and controlgear – Part 5-3: Control circuit devices and switching elements – Requirements for proximity devices with defined behaviour under fault conditions (PDDb)	
EN 62061:2005 + A1:2013 + A2:2015	Safety of machinery – Functional safety of safety-related electrical, electronic and programmable electronic control systems	
EN ISO 13849-1:2015	Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design	
EN 60079-0:2012 + A11:2013	Explosive atmospheres – Part 0: Equipment – General requirements	
EN 60079-31:2014	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure ‘t’	
EN 50581:2012	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances	
<b>Notified Body:</b> performed: and issued the certificate(s):	TUV Rheinland Industrie GmbH, 51105 Koln, Germany EC-Type Examination Certificate (Machinery Directive) Reg. No:01/205/5555.00/18	
<b>Notified Body:</b> performed: and issued the certificate(s):	Sira Certification Service, Hawarden, CH5 3US, United Kingdom EU-Type Examination Certificate (ATEX Directive) Sira 09ATEX9086X	
<b>Additional information:</b>		
<b>ATEX Markings:</b>	II 2D Ex tb IIIC T144°C Db Ta = -25°C to +100°C	
<b>Special conditions for safe use:</b>	Installation, maintenance and use shall be in accordance with: 1. The information specified in the referenced ATEX certificate; 2. The relevant Rockwell Automation product documentation.	
<b>Person authorised to compile the technical file (MD):</b>	Authorised representative (see details above).	
<b>Product Safety Function (MD):</b>	Suitable for use in safety applications up to Cat. 4, PLe (EN ISO 13849-1) and SIL 3 (EN/IEC 62061) in combination with designated safety relays.	
<b>Signed for and on behalf of the above named manufacturer:</b>		
<b>Place and date of issue:</b>	Milwaukee, WI U.S.A.	28-Aug-2018
<b>Name, function:</b>	Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering	
<b>Signature:</b>		

Catalogue number	Series <sup>1</sup>	Description	Directive <sup>2</sup>		
			ATEX	MD	RoHS
<b>440N-G02xxx</b> <b>"xxx" values below</b>		<b>"Ferrogard" Non-Contact Safety Interlock Switches</b>			
001, 004, 015, 022, or 041		Model FRS1, plastic housing, 250Vac, 1 N.C. safety contact, cable connection	No	Yes	Yes
002, 014, 019, 033, 038, 040, or 043		Model FRS2, plastic housing, 250Vac, 1 N.C. safety contact, 1 N.O. auxiliary contact, cable connection	No	Yes	Yes
092		Model FRS2, plastic housing, 24Vdc, 1 N.C. safety contact, 1 N.O. auxiliary contact, cable connection	No	Yes	Yes
093 or 094		Model FRS2, plastic housing, 24Vdc, 1 N.C. safety contact, 1 N.O. auxiliary contact, Micro QD connector	No	Yes	Yes
003		Model FRS3, plastic housing, 250Vac, 1 N.C. safety contact, 1 N.C. auxiliary contact, terminal connector	No	Yes	Yes
008		Model FRS4, plastic housing, 250Vac, 1 N.C. safety contact, 1 N.O. auxiliary contact, terminal connector	No	Yes	Yes
009		Model FRS5, plastic housing, 250Vac, 1 N.C. safety contact, terminal connector	No	Yes	Yes
013, 023, 028, or 032		Model FRS6, plastic housing, 250Vac, 1 N.C. safety contact, cable connection	No	Yes	Yes
095		Model FRS6, plastic housing, 250Vac, 1 N.C. safety contact, Micro QD connector	No	Yes	Yes
044, 075, 082, 089, or 108		Model FRS9, plastic housing, 24Vdc, 1 N.C. safety contact, cable connection	No	Yes	Yes
096		Model FRS9, plastic housing, 24Vdc, 1 N.C. safety contact, Micro QD connector	No	Yes	Yes
045 or 088		Model FRS10, plastic housing, 110Vac, 1 N.C. safety contact, cable connection	No	Yes	Yes
154 or 155		Model FRS13, stainless steel housing, 250Vac, 1 N.C. safety contact, 1 N.C. auxiliary contact, cable connection	No	Yes	Yes
160		Model FRS13, stainless steel housing, 250Vac, 1 N.C. safety contact, 1 N.C. auxiliary contact, Micro QD connector	No	Yes	Yes
156 or 157		Model FRS14, stainless steel housing, 24Vdc, 1 N.C. safety contact, 1 N.C. auxiliary contact, cable connection	No	Yes	Yes
161		Model FRS14, stainless steel housing, 24Vdc, 1 N.C. safety contact, 1 N.C. auxiliary contact, Micro QD connector	No	Yes	Yes
085		Model FRS20, plastic housing, 24Vdc, 2 N.C. safety contacts, cable connection	No	Yes	Yes
090 or 091		Model FRS20, plastic housing, 24Vdc, 2 N.C. safety contacts, Micro QD connector	No	Yes	Yes
097		Model FRS20, plastic housing, 250Vac., 2 N.C. safety contacts, Micro QD connector	No	Yes	Yes
055, 059, 060, or 061		Model FRS21, plastic housing, 250Vac, 2 N.C. safety contacts, 1 N.O. auxiliary contact, cable connection	No	Yes	Yes
058, 077, or 083		Model FRS21, plastic housing, 24Vdc, 2 N.C. safety contacts, 1 N.O. auxiliary contact, Micro QD connector	No	Yes	Yes
098		Model FRS21, plastic housing, 250Vac, 2 N.C. safety contacts, 1 N.O. auxiliary contact, cable connection	No	Yes	Yes
099		Model FRS21, plastic housing, 24Vdc, 2 N.C. safety contacts, 1 N.O. auxiliary contact, Micro QD connector	No	Yes	Yes

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

2) No = Product is not certified to this directive.

Yes = Product is certified to this directive.

Catalogue number	Series <sup>1</sup>	Description	Directive <sup>2</sup>		
			ATEX	MD	RoHS
440N-G02xxx "xxx" values below		<b>"Ferrogard" Non-Contact Safety Interlock Switches</b>			
112		Model FRS2 GD2, stainless steel housing, 250Vac, 1 N.C. safety contact, 1 N.O. auxiliary contact, cable connection	No	Yes	Yes
118 or 147		Model FRS2 GD2, stainless steel housing, 24Vdc, 1 N.C. safety contact, 1 N.O. auxiliary contact, cable connection	No	Yes	Yes
113 or 136		Model FRS20 GD2, stainless steel housing, 250Vac, 2 N.C. safety contacts, cable connection	No	Yes	Yes
119 or 164		Model FRS20 GD2, stainless steel housing, 24Vdc, 2 N.C. safety contacts, cable connection	No	Yes	Yes
117		Model FRS21 GD2, stainless steel housing, 250Vac, 2 N.C. safety contacts, 1 N.O. auxiliary contact, cable connection	Yes	Yes	Yes
123, 137, or 143		Model FRS21 GD2, stainless steel housing, 24Vdc, 2 N.C. safety contacts, 1 N.O. auxiliary contact, cable connection	Yes	Yes	Yes
149		Model FRS21 GD2, stainless steel housing, 24Vdc, 2 N.C. safety contacts, 1 N.O. auxiliary contact, M12 connector	Yes	Yes	Yes
048		Model GS1, brass housing, 250Vac, 1 N.C. safety contact, cable connection	No	Yes	Yes
049		Model GS1, stainless steel housing, 250Vac, 1 N.C. safety contact, cable connection	No	Yes	Yes

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