

## *EU Declaration of Conformity*

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<i>Product:</i>	<b>Solid State Motor Overload Relays</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 2<sup>nd</sup> Street</b>	<b>Rivium Promenade 160</b>	
<b>Milwaukee, WI 53204</b>	<b>2909 LM Capelle aan den IJssel</b>	
<b>USA</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 193-ED1, 193(S)-EE, and 592(S)-EE 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)

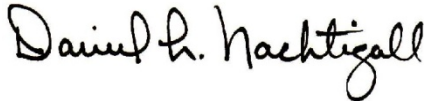
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*References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:*

EN 60947-4-1:2010 + A1:2012	Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters	
EN 60947-8:2003 + A1:2006 + A2:2012	Low voltage switchgear and controlgear – Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines	
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	28-Jun-2017
<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	Directives <sup>3</sup>		
			LVD	EMC	RoHS
193-ED1xx		E1Plus IEC fixed overload relay per Nomenclature	Yes	Yes	Yes
193x-EExx		E1Plus IEC adjustable overload relay per Nomenclature	Yes	Yes	Yes
592-EExx		NEMA adjustable overload relay per Nomenclature	Yes	Yes	Yes
592S-EExx		NEMA adjustable overload relay per Nomenclature	Yes	Yes	Yes
193-EJM		Jam protection module for E1 Plus overload relays	Yes	Yes	Yes
193-EDN		DeviceNet comms module for E1 Plus overload relays	N/R	Yes	Yes
193-ERR		Remote reset module for E1 Plus overload relays	Yes	Yes	Yes
193-EGF		Ground fault module for E1 Plus overload relays	Yes	Yes	Yes
193-EGJ		Ground fault with jam module for E1 Plus overload relays	Yes	Yes	Yes
193-EPT		PTC Thermistor module for E1 Plus overload relays	Yes	Yes	Yes
193-EPRB		Profibus module for E1 Plus overload relays	N/R	Yes	Yes
193-ERID		Remote Indication Display for E1 Plus side mount modules	N/R	Yes	Yes
193-ETN		Ethernet module for E1 Plus overload relays	N/R	Yes	Yes
193-EPB		Panel-mount adapter for 193*-ED1*B/193*-EE*B overload relays	Yes	N/R	Yes
193-EPD		Panel-mount adapter for 193*-EE*D overload relays	Yes	N/R	Yes
193-EPE		Panel-mount adapter for 193*-EE*E overload relays	Yes	N/R	Yes
193-ERA		Reset adapter assembly for E1 Plus overload relays	N/R	N/R	Yes
193-BC8		Current adjustment shield for E1 Plus overload relays	N/R	N/R	Yes
193-CBCT*		Ground fault sensing current transformers	Yes	N/R	Yes
193-DTB*		Terminal lugs	Yes	N/R	Yes
100-DL*		Terminal lugs	Yes	N/R	Yes
100-DPB8660		Phase barriers	N/R	N/R	Yes

1) Represents features that do not impact the Directive(s) cited.

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 for this product.

**NOMENCLATURE:**

193	-	ED1	A	B
1		2	3	4

1	Product Line 193 – IEC overload relay, three phase, with screw clamp control terminals 193S – IEC overload relay, single phase, with screw clamp control terminals 592 – NEMA overload relay with screw clamp control terminals 592S – NEMA overload relay, single phase, with screw clamp control terminals																					
2	Designates Relay Type ED1 – Fixed trip solid state overload relay EE – Adjustable trip solid state overload relay																					
3	Designates Current Range <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">A – 0.1...0.5A</td> <td style="width: 33%;">H – 30...150A (150:5 CT)</td> <td style="width: 33%;">P – 1...5A (single phase)</td> </tr> <tr> <td>B – 0.2...1.0A</td> <td>J – 40...200A (200:5 CT)</td> <td>R – 3.2...16A (single phase)</td> </tr> <tr> <td>C – 1.0...5A</td> <td>K – 60...300A (300:5 CT)</td> <td>S – 5.4...27A (single phase)</td> </tr> <tr> <td>D – 3.2...16A</td> <td>L – 100...500A (500:5 CT)</td> <td>T – 9...45A (single phase)</td> </tr> <tr> <td>E – 5.4...27A</td> <td>M – 120...600A (600:5 CT)</td> <td>U – 18...90A (single phase)</td> </tr> <tr> <td>F – 9.0...45A</td> <td>N – 160...800A (800:5 CT)</td> <td>V – 55...110A</td> </tr> <tr> <td>G – 18...90A</td> <td>Q – 11...55A</td> <td>W – 80...400A (400:5 CT)</td> </tr> </table>	A – 0.1...0.5A	H – 30...150A (150:5 CT)	P – 1...5A (single phase)	B – 0.2...1.0A	J – 40...200A (200:5 CT)	R – 3.2...16A (single phase)	C – 1.0...5A	K – 60...300A (300:5 CT)	S – 5.4...27A (single phase)	D – 3.2...16A	L – 100...500A (500:5 CT)	T – 9...45A (single phase)	E – 5.4...27A	M – 120...600A (600:5 CT)	U – 18...90A (single phase)	F – 9.0...45A	N – 160...800A (800:5 CT)	V – 55...110A	G – 18...90A	Q – 11...55A	W – 80...400A (400:5 CT)
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4	Designates IEC Contactor Size      Designates NEMA Contactor Size <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">B – 100-C09 to 100-C23</td> <td style="width: 50%;">T – 500-TO (Size 00)</td> </tr> <tr> <td>D – 100-C30 to 100-C43</td> <td>C – 500-AO to 500-CO (Size 0 to Size 2)</td> </tr> <tr> <td>E – 100-C60 to 100-C85</td> <td>D – 500-DO (Size 3)</td> </tr> <tr> <td>F – 100-D95 to 100-D180</td> <td>E – 500-EO (Size 4)</td> </tr> <tr> <td>G – 100-D210 to 100-D420</td> <td>F – 500-FO (Size 5)</td> </tr> <tr> <td>H – 100-D630 to 100-D860</td> <td>G – 500-GO (Size 6)</td> </tr> </table> Z – For use with external CT P – Pass-thru Design	B – 100-C09 to 100-C23	T – 500-TO (Size 00)	D – 100-C30 to 100-C43	C – 500-AO to 500-CO (Size 0 to Size 2)	E – 100-C60 to 100-C85	D – 500-DO (Size 3)	F – 100-D95 to 100-D180	E – 500-EO (Size 4)	G – 100-D210 to 100-D420	F – 500-FO (Size 5)	H – 100-D630 to 100-D860	G – 500-GO (Size 6)									
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