

EU Declaration of Conformity

Product: Solid State Motor Overload Relays

Name and address of the manufacturer: Name and address of the authorised representative:

Rockwell Automation, Inc.

Rockwell Automation B.V.

Rivium Promenade 160

Milwaukee, WI 53204

Rockwell Automation B.V.

Rivium Promenade 160

2909 LM Capelle aan den Ijssel

USA The Netherlands

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

Object of the declaration: Allen-Bradley 193-ED1, 193(S)-EE, and 592(S)-EE Series

(reference the attached list of catalogue numbers)

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

2014/35/EULow Voltage Directive(LVD)2014/30/EUEMC Directive(EMC)2011/65/EURoHS Directive(RoHS)

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 + 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

Signed for and on behalf of the above named manufacturer:

Place and date of issue: Milwaukee, WI USA 28-Jun-2017

Name, function: Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering

Daint L. Nachtigall

Signature:

Rockwell Automation

Catalogue number ¹	Series ²	Description	Directives ³		
Caiaiogue number		Description		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.
- 3) Yes = Product is certified to this directive. N/R = This directive is not required for this product.

NOMENCLATURE:

	193	-	ED1	Α	В
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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							
	A - 0.10.5A	H – 30150A (150:5 CT)	P - 15A (single phase)					
	B - 0.21.0A	J – 40200A (200:5 CT)						
	C – 1.05A	K – 60300A (300:5 CT)						
	D – 3.216A	L – 100500A (500:5 CT)						
	E - 5.427A	M – 120600A (600:5 CT)						
	F – 9.045A	N – 160800A (800:5 CT)	V – 55110A					
	G – 1890A	Q – 1155A	W – 80400A (400:5 CT)					
4	Designates IEC Contactor Size	Designates NEMA Contactor	Size					
	B – 100-C09 to 100-C23	T - 500-TO (Size 00)						
	D – 100-C30 to 100-C43	O - 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)						
	Z – For use with external CT							
	P – Pass-thru Design							