

EC Declaration of Conformity

The undersigned, representing the manufacturer

Rockwell Automation, Inc.
1201 South 2nd Street
Milwaukee, WI 53204
U.S.A.

*and the authorised representative established within the
Community*

Rockwell Automation European Headquarters SA/NV
Vorstlaan/Boulevard du Souverain 36 – BP 3A/B
B-1170 Brussels
Belgium

herewith declare that the Products

Solid State Overload Relays

*Product identification (brand and
catalogue number/part number):*

Allen-Bradley 193-EF Series and Accessories
(reference attached list of catalog nomenclature)

*are in conformity with the essential requirements of the following EC Directive(s) when installed in accordance with
the installation instructions contained in the product documentation:*

2006/95/EC

Low Voltage Directive

2004/108/EC

EMC Directive

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

EN 60947-1:2007

Low-voltage switchgear and controlgear – Part 1: General rules

EN 60947-4-1:2001 + A1:2002 +
A2:2005

*Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-
starters – Electromechanical contactors and motor-starters*

EN 60947-5-1:2004

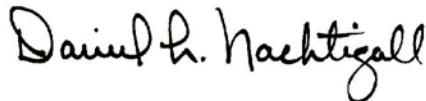
*Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices
and switching elements – Electromechanical control circuit devices*

Year of CE Marking (Low Voltage Directive):

2002

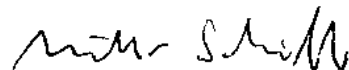
Manufacturer:

Authorised Representative in the Community:



Signature

Name: Daniel L. Nachtigall
Position: Supv – Product Certification Engineering
Date: 08-Jun-2009



Signature

Name: Viktor Schiffer
Position: Engineering Manager
Date: 15-Jun-2009

Catalogue number ¹	Series ²	Description	Directive ³	
			LVD	EMC
193-EFxxx-x		Solid state overload relays per Nomenclature	Yes	Yes
Field-Installed Accessories				
193-LB1		External indication module	Yes	Yes
193-RB1		Remote indication module	Yes	Yes
100-DTB*		Terminal lugs	Yes	N/A
100-DL*		Terminal lugs	Yes	N/A
825-MV*		Bus bar connections	Yes	N/A
100-DTS*		Terminal shields	N/A	N/A
196-MTM		DIN rail adapter	N/A	N/A

- 1) * Designates 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/A = This directive is not required for this product

NOMENCLATURE:

193-EF	1	A	KP	-	RFL
	1	2	3	4	5

1	Designates Product Type 193-EF – Solid state overload relay for use with Allen-Bradley 100-D Series contactors
2	Designates Version 1 – Basic 2 – Advanced
3	Designates Overload Adjustment Range A – 20...180 A B – 160...400 A C – 160...630 A
4	Designates Control Voltage Code K* – Designates coil voltages from 24...440V AC, where the asterisk represents a letter Z* – Designates coil voltages from 24...48V DC, where the asterisk represents a letter
5	Designates Factory Modifications Blank – No modifications R – Automatic reset of overload and thermistor over-temperature protection F – Remote reset (includes add-on module 193-RB1) L – External indication (includes add-on module 193-LB1)