

EU Declaration of Conformity

<i>Product:</i>	IEC Bimetal Overload Relays	
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<i>Name and address of the manufacturer:</i>	Rockwell Automation, Inc. 1201 South 2nd Street Milwaukee, WI 53204 U.S.A.	<i>Name and address of the authorised representative:</i>	Rockwell Automation B.V. Rivium Promenade 160 2909 LM Capelle aan den IJssel The Netherlands
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This declaration of conformity is issued under the sole responsibility of the manufacturer.

<i>Object of the declaration:</i>	Allen-Bradley 193-K, 193-T1 Series and Accessories (reference the attached list of catalogue numbers)		
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The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

2006/95/EC & 2014/35/EU	Low Voltage Directive	(LVD)
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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 60947-1:2007+A1:2011	Low-voltage switchgear and controlgear – Part 1: General rules
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 60947-5-1:2004+A1:2009	Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices

Additional information:

<i>Year of CE Marking (LVD):</i>	2006
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Signed for and on behalf of the above named manufacturer:

<i>Place and date of issue:</i>	Aarau, Switzerland	04-Dec-2015
<i>Name, function:</i>	Daniel Baumann, Manager – Product Certification Engineering	
<i>Signature:</i>	i.V. <u>Daniel Baumann</u>	

<i>Catalogue number</i>	<i>Series ¹</i>	<i>Description</i>	<i>Directive ²</i>
			<i>LVD</i>
193 – K *		<i>IEC Bimetal Overload Relays for Use with Contactors 100 – K per Nomenclature</i>	<i>Yes</i>
193 – T1 * * *		<i>IEC Bimetal Overload Relays for Use with Contactors 100 – C per Nomenclature</i>	<i>Yes</i>
<i>Accessories</i>			
193 – T1R *		<i>Remote Reset Solenoids per Nomenclature</i>	<i>Yes</i>
193 – T1APM		<i>DIN Rail/Panel Mounting Adapter, for separate mounting of overload relays</i>	<i>Yes</i>
140M – C – N45		<i>Screw Adapter</i>	<i>N/R</i>
800FM – R611		<i>External Reset Button</i>	<i>N/R</i>
800F – ATR08		<i>Reset Rod</i>	<i>N/R</i>
193 – RA3		<i>Reset Adapter</i>	<i>N/R</i>

- 1) *If no series number is given, then all series are covered.*
- 2) *Yes = Product is certified to this directive.
N/R = This directive is not required for this product.*

MODEL NOMENCLATURE:

***IEC Bimetal Overload Relays for Use with Contactors 100 – K
Catalogue Number Explanation***

193 – K	*
1	2

Position	Catalogue No. Suffix	Options/Descriptions
1	193 – K	Base Catalogue Number IEC Bimetal Overload Relay for use with Contactors 100 – K
2	A16 A25 A40 A50 A63 A80	Current Range for 193 – KA 0.10...0.16A 0.16...0.25A 0.25...0.40A 0.35...0.50A 0.45...0.63A 0.55...0.80A
	B10 B13 B16 B20 B25 B32 B40 B48 B63 B75	Current Range for 193 – KB 0.75...1.0A 0.9...1.3A 1.1...1.6A 1.4...2.0A 1.8...2.5A 2.3...3.2A 2.9...4.0A 3.5...4.8A 4.5...6.3A 5.5...7.5A
	C10 C12	Current Range for 193 – KC 7.2...10.0A 9.0...12.5A

***IEC Bimetal Overload Relays for Use with Contactors 100 – C
Catalogue Number Explanation***

193 – T1	*	*	*
1	2	3	4

<i>Position</i>	<i>Catalogue No. Suffix</i>	<i>Options/Descriptions</i>
<i>1</i>	<i>193 – T1</i>	<i>Base Catalogue Number IEC Bimetal Overload Relay for use with Contactors 100 – C</i>
<i>2</i>	<i>A</i> <i>B</i> <i>C</i> <i>D</i>	<i>Contactor Frame Size 100 – C09...100 – C23 100 – C30...100 – C37 100 – C43...100 – C55 100 – C60...100 – C97</i>

**IEC Bimetal Overload Relays for Use with Contactors 100 – C
Catalogue Number Explanation (continued)**

Position	Catalogue No. Suffix	Options/Descriptions	
3	A16 A25 A40 A50 A63 A80	<i>Current Range for 193 – T1A</i> 0.10...0.16A 0.16...0.25A 0.25...0.40A 0.35...0.50A 0.45...0.63A 0.55...0.80A	
	B10 B13 B16 B20 B25 B32 B40 B48 B63 B75	<i>Current Range for 193 – T1A</i> 0.75...1.0A 0.9...1.3A 1.1...1.6A 1.4...2.0A 1.8...2.5A 2.3...3.2A 2.9...4.0A 3.5...4.8A 4.5...6.3A 5.5...7.5A	
	C10 C12 C16 C20 C21 C25	<i>Current Range for 193 – T1A</i> 7.2...10.0A 9.0...12.5A 11.3...16.0A 15.0...20.0A 17.5...21.5A 21.0...25.0A	
	C20 C21 C25 C30 C36 C38	<i>Current Range for 193 – T1B</i> 15.0...20.0A 17.0...21.5A 21.0...25.0A 24.0...30.0A 29.0...36.0A 33.0...38.0A	
	C25 C36 C47 C60	<i>Current Range for 193 – T1C</i> 17.0...25.0A 24.5...36.0A 35.0...47.0A 45.0...60.0A	
	C36 C47 C60 C75 C90 C97	<i>Current Range for 193 – T1D</i> 24.5...36.0A 35.0...47.0A 45.0...60.0A 58.0...75.0A 72.0...90.0A 77.0...97.0A	
	4	No suffix P	<i>Connection Type</i> Direct connection to contactor Separate mounting

Accessories Catalogue Number Explanation

A.) Remote Reset Solenoids

193 – T1R	*
1	2

<i>Position</i>	<i>Catalogue No. Suffix</i>	<i>Options/Descriptions</i>
<i>1</i>	<i>193 – T1R</i>	<i>Base Catalogue Number Remote Reset Solenoid</i>
<i>2</i>	<i>One or two letters</i>	<i>Control Voltage Coil Code (indicates coil-voltage and -frequency) AC coil code (conventional coil: 24...240V50Hz) AC coil code (conventional coil: 24...240V60Hz) AC coil code (conventional coil: 24...240V50/60Hz, double frequency). Two letter code starting with “K” DC coil code (conventional coil 24...240VDC). Two letter code starting with “Z”</i>