

EU Declaration of Conformity

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

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:

2014/35/EU	Low Voltage Directive	(LVD)
2011/65/EU	RoHS 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 60947-5-1:2004+A1:2009	Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices
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:

<i>Place and date of issue:</i>	Aarau, Switzerland	08-May-2017
<i>Name, function:</i>	Daniel Baumann, Manager – Product Certification Engineering	
<i>Signature:</i>	i.V. <u>Daniel Baumann</u>	

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

- 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

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

**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>