

EU Declaration of Conformity EU Attestation of Conformity (ATEX)

<i>Product:</i>	IEC Screw Connection Terminal Blocks	
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<i>Name and address of the manufacturer:</i> Rockwell Automation, Inc. 1201 South 2nd Street Milwaukee, WI 53204 USA	<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 1492-W Series (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:

<i>2006/95/EC & 2014/35/EU</i>	<i>Low Voltage Directive</i>	<i>(LVD)</i>
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and the applicable provisions of:

<i>94/9/EC & 2014/34/EU</i>	<i>ATEX Directive</i>	<i>(ATEX)</i>
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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:

<i>EN 60947-7-1:2009</i>	<i>Low-voltage switchgear and controlgear – Part 7-1: Ancillary equipment - Terminal blocks for copper conductors</i>	
<i>EN 60947-7-2:2009</i>	<i>Low-voltage switchgear and controlgear – Part 7-2: Ancillary equipment - Protective conductor terminal blocks for copper conductors</i>	
<i>EN 60079-0:2012 + A11:2013</i>	<i>Electrical apparatus for potentially explosive atmospheres – Part 0: Equipment - General requirements</i>	
<i>EN 60079-7:2007</i>	<i>Explosive atmospheres – Part 7: Equipment protection by increased safety ‘e’</i>	

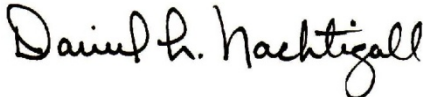
<i>Notified Body: performed: and issued the certificates:</i>	<i>UL International Demko A/S, Denmark (NB 0539) EC Type Examination (ATEX) Demko 99 ATEX 9938906U</i>	
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Additional information:

<i>Year of CE Marking (LVD):</i>	<i>1995</i>	
<i>ATEX Markings:</i>	<i>II 2G Ex e II Gb</i>	

This product is an ATEX component as defined in Article 1(3)(c) of Directive 94/9/EC and Article 2(3) of Directive 2014/34/EU.

Signed for and on behalf of the above named manufacturer:

<i>Place and date of issue:</i>	<i>Milwaukee, WI, USA</i>	<i>11-Aug-2015</i>
<i>Name, function:</i>	<i>Daniel L. Nachtigall, Technical Leader – Product Certification Engineering</i>	
<i>Signature:</i>		

Catalogue number ¹	Series ²	Description	Directive ³		
			LVD (EN 60947-7-1)	LVD (EN 60947-7-2)	ATEX ⁴
1492-W3		2.5 mm ² single-circuit block	Yes	N/R	Yes
1492-W4		4 mm ² single-circuit block	Yes	N/R	Yes
1492-W4TW		4 mm ² single-circuit, three conductor block	Yes	N/R	No
1492-W6		6 mm ² single-circuit block	Yes	N/R	Yes
1492-W10		10 mm ² single-circuit block	Yes	N/R	Yes
1492-W16S		16 mm ² single-circuit block	Yes	N/R	Yes
1492-WD4		4 mm ² dual-circuit block	Yes	N/R	No
1492-WD4C		4 mm ² dual-circuit block w/common link	Yes	N/R	Yes
1492-WTF3*		2.5 mm ² three-circuit sensor block	Yes	N/R	No
1492-WTS3*		2.5 mm ² three-level sensor block	Yes	N/R	No
1492-WFB4*		4 mm ² single-circuit fuse block	Yes	N/R	No
1492-WM3		2.5 mm ² single-circuit mini block	Yes	N/R	Yes
1492-WM4		4 mm ² single-circuit mini block	Yes	N/R	Yes
1492-WMD1		1.5 mm ² single-circuit mini block	Yes	N/R	No
1492-WR3		2.5 mm ² single-circuit block	Yes	N/R	No
1492-WG4		4 mm ² grounding block	N/R	Yes	No
1492-WG6		6 mm ² grounding block	N/R	Yes	No
1492-WG10S		10 mm ² grounding block	N/R	Yes	No
1492-WG16S		16 mm ² grounding block	N/R	Yes	No
1492-WMG3		2.5 mm ² grounding block	N/R	Yes	No
1492-WMG4		4 mm ² grounding block	N/R	Yes	No

- 1) Catalogue numbers may be followed by additional suffixes to denote colour.
An asterisk (*) denotes options that do not impact the Directive(s) and/or standard(s) referenced on this DoC.
- 2) If no series number is given, then all series are covered.
- 3) No = Product is not certified to this directive.
Yes = Product is certified to this directive.
N/R = This directive is not required for this product.
- 4) This product is an ATEX component as defined in Directive 94/9/EC.

Special Conditions For Safe Use:

Installation, maintenance and use shall be in accordance with:

1. The information specified in the attached certificate for this product; and
2. The relevant Rockwell Automation product documentation.

[1]

EC-TYPE EXAMINATION CERTIFICATE



[2]

**Component intended for use on/in equipment or protective system
intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

[3]

EC-Type Examination Certificate Number: **DEMKO 99 ATEX 9938906U Rev. 5**

[4]

Component: **Terminal Blocks, Type 1492-W**

[5]

Manufacturer: **Rockwell Automation/Allen-Bradley**

[6]

Address: **1201 South 2nd Street, Milwaukee, WI 53204, USA**

[7]

This Component and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

[8]

UL International Demko A/S, notified body number 0539 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to design and construction of components intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. **4786815855**

[9]

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012+A11:2013

EN 60079-7:2007

[10]


The sign "U" placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.

[11]

This EC-Type examination certificate relates only to the design, examination and tests of the specified component in accordance with the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.

[12]

The marking of the component shall include the following:

 **II 2 G Ex e II Gb**

Certification Manager

Jan-Erik Storgaard

Notified Body

This is to certify that the sample(s) of the Component described herein ("Certified Component") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Equipment Certification Program Requirements. This certificate and test results obtained apply only to the component sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured component. UL has not established Follow-Up Service or other surveillance of the component. The Manufacturer is solely and fully responsible for conformity of all component to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2001-01-17

Re-issued: 2015-06-05



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[14]

Schedule
EC-TYPE EXAMINATION CERTIFICATE No.
DEMKO 99 ATEX 9938906U Rev. 5
Report: 4786815855

[15]

Description of Component:

The below mentioned products are terminal blocks for wiring connections.

Catalogue No.	Max. Voltage [V]	Max. Current [A]	Max. Wire Size [mm ²]
1492-W10	550	50	10
1492-W4	550	32	4
1492-W16S	550	76	16
1492-W3	550	24	2.5
1492-W6	550	41	6
1492-WD4C	420	32	4
1492-WM3	420	24	2.5
1492-WM4	420	32	4

Nomenclature

1492-x₁-x₂-x₃-x₄

where:

- x₁: Are described above under "Catalogue No"
- x₂: Are the Colour
- x₃: Are number of Terminals or special function
- x₄: Are the Design Generation

Temperature range

The ambient temperature range is -20 °C to +40 °C.

Installation instructions

- The feed-through terminal blocks and protective conductor terminal blocks are suitable for application in enclosures in atmospheres with flammable gases and combustible dust. These enclosures must satisfy the requirements according to EN 60079-0 and the applicable EN standard for the overall protection method employed.
- In combination with other terminal block series and sizes if other accessories are used, the applicable creepage and clearance distances shall be met.
- Regarding the use of end plates, partitions, and end brackets, the instructions of the manufacturer must be followed.
- If smaller cross sections other than the rated cross section are used, the belonging lower current must be laid down in the EC-Type Examination Certificate of the complete apparatus.
- The feed-through terminal blocks may be used, based on the self-heating when used at the above mentioned rated current and at ambient temperatures of -20°C to +40°C at the mounting position in electrical apparatus; e.g. junction and connection boxes for temperature class T6. When the terminal blocks are used in electrical apparatus of temperature classes of T5 up to T1, the highest temperature of the insulating material must not exceed 85°C.

Routine tests

Routine dielectric strength tests according to EN 60079-7, Clauses 6.1 and 7.1 shall be conducted using the method defined in the manufacturer's document TEP-258 or VA-Terminal Block – Prueba de Hipot .

[16]

Descriptive Documents

The scheduled documents are listed in the report no. provided under item no. [8] on page 1 of this EC-Type Examination Certificate.

[17]

Schedule of limitations:

See Installation Instructions.

[18]

Essential Health and Safety Requirements

Concerning ESRs this Schedule verifies compliance with the Annex III of ATEX directive only. By placing the product on the market, the manufacturer declares compliance with other relevant Directives, and all other safety related requirements including those of Annex II of this Directive.

Additional information

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in ANNEX III to Directive 94/9/EC of the European Parliament and the Council of 23 March 1994.

