

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**

[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. **9938906**

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

EN 60079-0:2006

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

Certification Manager
Jan-Erik Storgaard

This certificate may only be reproduced in its entirety and without any change, schedule included.

Date of issue: 2001-01-17

Revised: 2010-01-15

Notified Body

UL International Demko A/S, Lyskaer 8, P.O. Box 514, DK-2730 Herlev, Denmark, Tel. +45 44 85 65 65, info.dk@dk.ul.com
www.ul-europe.com

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Schedule
EC-TYPE EXAMINATION CERTIFICATE No.
DEMKO 99 ATEX 9938906U
Report: 09CA40454

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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

1. The terminals shall be mounted in a suitable Ex e II enclosure, minimum IP54.
2. Terminal must be installed on a rail in accordance with DIN EN 50 022.
3. Not more than one solid or stranded wiring lead shall be connected into either side of any terminal.
4. Leads connected to the terminals shall be insulated for the appropriate voltage and this insulation shall extend to within 1 mm of the metal of the terminal throat.
5. The creepage and clearance distances between the terminals and adjacent equipment, enclosure walls, and covers must be in accordance with EN 60079-7:2007.
6. The terminal blocks have been evaluated as suitable for a service temperature of 45°C. A temperature measurement test on the complete apparatus shall confirm the suitability of the terminals in the end-use application.
7. When used in connection and junction boxes, the Defined Arrangement Method shall be used.

Routine Test

Routine Dielectric strength tests must be conducted on a statistical basis per ISO 2859-1.

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Descriptive Documents

Project Report No.: 0038906 (Hazardous Location Testing)
01NK35384 (Hazardous Location Testing)
01NK50510 (Hazardous Location Testing)
09CA40454 (Hazardous Location Testing)

Documents:

Description:	Document No.:	Rev. Level:	Date:
1492-W4 Terminal Block	42164-003	13	-
1492-W16S Terminal Block (2 Sheets)	42164-033	11	-
1492-W3 Terminal Block	42164-063	9	-
1492-W6 Terminal Block (2 Sheets)	42164-066	6	-
1492-W10 Terminal Block (2 Sheets)	42164-067	7	-
1492-WD4C Terminal Block (3 Sheets)	42164-006	21	-
1492-WM3 Terminal Block	42164-085	4	-
1492-WM4 Terminal Block	42164-009	13	-

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Special conditions for safe use:
See Installation Instructions.

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Essential Health and Safety Requirements

Concerning ESR this Schedule verifies compliance with the ATEX directive only. The manufacturer's Declaration of Conformity declares compliance with other relevant Directives.

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.

Certification Manager
Jan-Erik Storgaard

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Date of issue: 2010-01-15

Notified Body

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