

**EC Declaration of Conformity
EC Attestation of Conformity (ATEX)**

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 BV
Rivium 1e Straat, 23
2209 LE Capelle aan den IJssel
Netherlands

herewith declare that the Products

IEC Screw Connection Terminal Blocks

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

Allen-Bradley 1492-J Series
(reference attached list of catalog numbers)

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
94/9/EC	ATEX 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 60947-7-1:2002	Low-voltage switchgear and controlgear – Part 7-1: Terminal blocks for copper conductors
EN 60947-7-2:2002	Low-voltage switchgear and controlgear – Part 7-2: Protective conductor terminal blocks for copper conductors
EN 60079-0:2006	Electrical apparatus for potentially explosive atmospheres – Part 0: General requirements
EN 60079-7:2007	Electrical apparatus for potentially explosive atmospheres – Part 7: Increased safety ‘e’
EN 61241-0:2006	Electrical apparatus for use in the presence of combustible dust – Part 0: General requirements
EN 61241-1:2004	Electrical apparatus for use in the presence of combustible dust – Part 1: Protection by enclosures “tD”

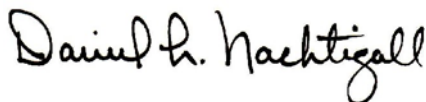
ATEX (Notified Body):

KEMA
Utrechtseweg 310
Arnhem 6800 ET, Netherlands
EC Type Examination Certificate No: KEMA 03ATEX2123U
ATEX Marking: II 2 G D Ex e II

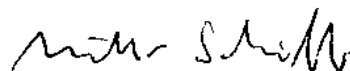
Year of CE Marking (Low Voltage Directive): 2003

Manufacturer:

Authorised Representative in the Community:



Signature
Name: Daniel L. Nachtigall
Position: Supv – Product Certification Engineering
Date: 02-Jul-2010



Signature
Name: Viktor Schiffer
Position: Engineering Manager
Date: 16-Jul-2010

Catalogue number ^{1,2}	Series ³	Description	Directive ⁴		
			LVD (EN 60947-7-1)	LVD (EN 60947-7-2)	ATEX ⁵
1492-J2Q		1.5 mm ² terminal block	Yes	N/R	No
1492-J3		2.5 mm ² terminal block	Yes	N/R	Yes
1492-J3DF		2.5 mm ² terminal block	Yes	N/R	No
1492-J3F		2.5 mm ² terminal block	Yes	N/R	No
1492-J3ND		2.5 mm ² terminal block	Yes	N/R	No
1492-J3P		2.5 mm ² terminal block	Yes	N/R	No
1492-J3PTP		2.5 mm ² terminal block	Yes	N/R	No
1492-J3TW		2.5 mm ² terminal block	Yes	N/R	Yes
1492-J4		4 mm ² terminal block	Yes	N/R	Yes
1492-J4CTB		4 mm ² terminal block	Yes	N/R	No
1492-J4M		4 mm ² terminal block	Yes	N/R	No
1492-J4ND		4 mm ² terminal block	Yes	N/R	No
1492-J4Q		4 mm ² terminal block	Yes	N/R	No
1492-J4TW		4 mm ² terminal block	Yes	N/R	No
1492-J6		6 mm ² terminal block	Yes	N/R	Yes
1492-J10		10 mm ² terminal block	Yes	N/R	Yes
1492-J16		16 mm ² terminal block	Yes	N/R	Yes
1492-J16ND		16 mm ² terminal block	Yes	N/R	No
1492-J35		35 mm ² terminal block	Yes	N/R	Yes
1492-J50		50 mm ² terminal block	Yes	N/R	Yes
1492-J70		70 mm ² terminal block	Yes	N/R	Yes
1492-J120		120 mm ² terminal block	Yes	N/R	No
1492-J240		240 mm ² terminal block	Yes	N/R	No
1492-JC3		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3		2.5 mm ² terminal block	Yes	N/R	Yes
1492-JD3C		2.5 mm ² terminal block	Yes	N/R	Yes
1492-JD3DF		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3DR		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3F		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3FB		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3N		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3P		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3PSS		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3PSSTP		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3PTP		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3RB		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3RC001		2.5 mm ² terminal block	Yes	N/R	No
1492-JD3SS		2.5 mm ² terminal block	Yes	N/R	No
1492-JDC3		2.5 mm ² terminal block	Yes	N/R	No

- 1) Catalogue numbers may be followed by additional suffixes to denote colour.
- 2) An '*' denotes special features that do not impact the essential requirements of the EC Directives cited.
- 3) If no series number is given, then all series are covered.
- 4) 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.
- 5) This product is an ATEX component as defined in Directive 94/9/EC.

Catalogue number ^{1,2}	Series ³	Description	Directive ⁴		
			LVD (EN 60947-7-1)	LVD (EN 60947-7-2)	ATEX ⁵
1492-JDG3		2.5 mm ² terminal block	N/R	Yes	Yes
1492-JDG3C		2.5 mm ² terminal block	N/R	Yes	Yes
1492-JDG3FB		2.5 mm ² terminal block	Yes	Yes	No
1492-JDG3N		2.5 mm ² terminal block	Yes	Yes	No
1492-JDG3ND		2.5 mm ² terminal block	Yes	Yes	No
1492-JDG3P		2.5 mm ² terminal block	Yes	Yes	No
1492-JDG3PSS		2.5 mm ² terminal block	Yes	Yes	No
1492-JDG3PSSTP		2.5 mm ² terminal block	Yes	Yes	No
1492-JDG3PTP		2.5 mm ² terminal block	Yes	Yes	No
1492-JG2Q		1.5 mm ² terminal block	N/R	Yes	No
1492-JG3		2.5 mm ² terminal block	N/R	Yes	Yes
1492-JG3TW		2.5 mm ² terminal block	N/R	Yes	Yes
1492-JD4		4 mm ² terminal block	Yes	N/R	Yes
1492-JD4C		4 mm ² terminal block	Yes	N/R	Yes
1492-JDG4		4 mm ² terminal block	N/R	Yes	Yes
1492-JDG4C		4 mm ² terminal block	N/R	Yes	No
1492-JG4		4 mm ² terminal block	N/R	Yes	Yes
1492-JG4Q		4 mm ² terminal block	N/R	Yes	No
1492-JG4TW		4 mm ² terminal block	N/R	Yes	No
1492-JG6		6 mm ² terminal block	N/R	Yes	Yes
1492-JG10		10 mm ² terminal block	N/R	Yes	Yes
1492-JG16		16 mm ² terminal block	N/R	Yes	Yes
1492-JG35		35 mm ² terminal block	N/R	Yes	Yes
1492-JG50		50 mm ² terminal block	N/R	Yes	Yes
1492-JG70		70 mm ² terminal block	N/R	Yes	Yes
1492-JG120		120 mm ² terminal block	N/R	Yes	No
1492-JKD3		2.5 mm ² terminal block	Yes	N/R	No
1492-JKD3TP		2.5 mm ² terminal block	Yes	N/R	No
1492-JKD4		4 mm ² terminal block	Yes	N/R	No
1492-JKD4Q		4 mm ² terminal block	Yes	N/R	No
1492-JKD4QTP		4 mm ² terminal block	Yes	N/R	No
1492-JKD4TP		4 mm ² terminal block	Yes	N/R	No
1492-JKD4TW		4 mm ² terminal block	Yes	N/R	No
1492-JKD4TWTP		4 mm ² terminal block	Yes	N/R	No
1492-JNC4		4 mm ² terminal block	Yes	N/R	No
1492-JNC16		4 mm ² terminal block	Yes	N/R	No
1492-JPO		4 mm ² terminal block	Yes	N/R	No
1492-JSD4		4 mm ² terminal block	Yes	N/R	No
1492-JT3M		2.5 mm ² terminal block	Yes	N/R	No
1492-JPO		4 mm ² terminal block	Yes	N/R	No

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Catalogue number ^{1,2}	Series ³	Description	Directive ⁴		
			LVD (EN 60947-7-1)	LVD (EN 60947-7-2)	ATEX ⁵
Factory/Field Installed Accessories					
1492-DR*		DIN mounting rail	N/R	N/R	N/R
1492-EBJ*		End barrier	N/R	N/R	N/R
1492-EAJ*		End anchor	N/R	N/R	N/R
1492-EAHJ*		End anchor	N/R	N/R	N/R
1492-ERL*		End anchor	N/R	N/R	N/R
1492-PPJ*		Partition plate	N/R	N/R	N/R
1492-CJJ*		Terminal jumper	N/R	N/R	N/R
1492-SJ*		Side jumper	N/R	N/R	N/R
1492-CPL		Disconnect plug	N/R	N/R	N/R
1492-DPL		Disconnect plug	N/R	N/R	N/R
1492-FPK*		Fuse plug	N/R	N/R	N/R
1492-J70A		Auxiliary circuit tap for 1492-J70	N/R	N/R	N/R
1492-TA*		Test plug adapter	N/R	N/R	N/R
1492-TP*		Test plug	N/R	N/R	N/R
1492-TPL*		Test plug	N/R	N/R	N/R
1492-STP*		Plug-in connector	N/R	N/R	N/R
1492-STP-G		Plug-in connector	N/R	N/R	N/R
1492-SBSTP		Plug-in connector	N/R	N/R	N/R
1492-GSTP		Plug-in connector	N/R	N/R	N/R
1492-EBSTP		Plug-in connector	N/R	N/R	N/R

- 1) Catalogue numbers may be followed by additional suffixes to denote colour.
- 2) An '*' denotes special features that do not impact the essential requirements of the EC Directives cited.
- 3) If no series number is given, then all series are covered.
- 4) 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.
- 5) 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) Components intended for use in potentially explosive atmospheres - Directive 94/9/EC

(3) EC-Type Examination Certificate Number: **KEMA 03ATEX2123 U**

(4) Components: **Feed Through Terminal Blocks Type 1492-J3, 1492-J4, 1492-J6, 1492-J10, 1492-J16, 1492-J35, 1492-J3TW, 1492-JD3, 1492-JD3C and Distribution Feed Through Terminal Block Type 1492-JDG3 and Protective Conductor Terminal Blocks Type 1492-JG3, 1492-JG4, 1492-JG6, 1492-JG10, 1492-JG16, 1492-JG35, 1492-JDG3C and 1492-JG3TW**

(5) Manufacturer: **Allen Bradley Co., Inc**

(6) Address: **1201 South Second Street, Milwaukee, WI 53203-2496 USA**

(7) These components and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that these components have been found to comply with the Essential Health and Safety Requirements relating to the 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. 2028190.

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

EN 50014 : 1997

EN 50019 : 2000

EN 50281-1-1 : 1998

(10) The sign "U" placed after the certificate number indicates that this certificate describes components and must not be mistaken for a certificate intended for an equipment or protective system. This EC-Type Examination Certificate 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 components according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of these components. These are not covered by this certificate.

(12) The marking of the components shall include the following:



II 2 G D EEx e II

Arnhem, 1 July 2003
KEMA Quality B.V.



T. Pijpker
Certification Manager

© This Certificate may only be reproduced in its entirety and without any change

(13)

SCHEDULE

(14)

to EC-Type Examination Certificate KEMA 03ATEX2123 U

Description

Feed Through Terminal Blocks Type 1492-J3, 1492-J4, 1492-J6, 1492-J10, 1492-J16, 1492-J35, 1492-J3TW, 1492-JD3, 1492-JD3C and Distribution Feed Through Terminal Block Type 1492-JDG3 and Protective Conductor Terminal Blocks Type 1492-JG3, 1492-JG4, 1492-JG6, 1492-JG10, 1492-JG16, 1492-JG35, 1492-JDG3C and 1492-JG3TW for the connection of copper conductors in enclosures in type of protection increased safety "e", insulating parts made of Wemid, with accessories (cross-connectors, end brackets, partitions and identification material) for fixing on mounting rail TS 35.

Operating temperature range -50 °C ... +100 °C.

Electrical data

Feed Through Terminal Blocks

Type.....	<u>1492-J3</u>
Max. rated voltage	550 V
Max. rated voltage (with cross-connectors)....	550 V
Max. rated voltage (with cross-connectors adjacent to Protective Conductor Terminals without partitions).....	420 V
Max. rated voltage (with cross-connectors jumping over).....	110 V
Max. rated voltage (with parallel cross-connectors WQV/ZQV).....	110 V / 60 V
Rated current (at rated conductor cross section).....	21 A
Rated current (with cross-connectors WQV)...	21 A
Rated current (with cross-connectors ZQV)....	21 A
Rated conductor cross section mm ² (AWG)...	2,5 (14)
Max. conductor cross section mm ² (AWG).....	4 (12)
Min. conductor cross section mm ² (AWG).....	0,5 (20)

Feed Through Terminal Blocks

Type.....	<u>1492-J4</u>	<u>1492-J6</u>	<u>1492-J10</u>
Max. rated voltage	750 V	550 V	550 V
Max. rated voltage (with cross-connectors)....	750 V	550 V	550 V
Max. rated voltage (with cross-connectors adjacent to Protective Conductor Terminals without partitions).....	420 V	420 V	420 V
Max. rated voltage (with cross-connectors in parallel or jumping over).....	110 V	110 V	110 V
Rated current (at rated conductor cross section).....	28 A	36 A	50 A
Rated current (with cross-connectors).....	28 A	36 A	50 A
Rated conductor cross section mm ² (AWG) ...	4 (12)	6 (10)	10 (8)
Max. conductor cross section mm ² (AWG).....	6 (10)	10 (8)	16 (6)
Min. conductor cross section mm ² (AWG).....	0,5 (20)	0,5 (20)	1,5 (16)

(13)

SCHEDULE

(14)

to EC-Type Examination Certificate KEMA 03ATEX2123 U

Feed Through Terminal Blocks

Type.....	<u>1492-J16</u>	<u>1492-J35</u>
Max. rated voltage.....	750 V	750 V
Max. rated voltage (with cross-connectors)....	750 V	750 V
Max. rated voltage (with cross-connectors adjacent to Protective Conductor Terminals without partitions).....	750 V	750 V
Max. rated voltage (with cross-connectors in parallel or jumping over).....	110 V	110 V
Rated current (at rated conductor cross section).....	66 A	109 A
Rated current (with cross-connectors).....	66 A	109 A
Rated conductor cross section mm ² (AWG) ...	16 (6)	35 (2)
Max. conductor cross section mm ² (AWG).....	25 (4)	35 (2)
Min. conductor cross section mm ² (AWG).....	1,5 (16)	2,5 (14)

Feed Through Terminal Blocks

Type.....	<u>1492-J3TW</u>
Max. rated voltage	550 V
Max. rated voltage (with cross-connectors in parallel or jumping over).....	110 V
Rated current (at rated conductor cross section 1,5 mm ²	15 A
Rated current (at rated conductor cross section 2,5 mm ²	21 A
Rated current (with cross-connectors).....	21 A
Rated conductor cross section mm ² (AWG) ...	2,5/1,5 (14/16)
Max. conductor cross section mm ² (AWG).....	4 (12)
Min. conductor cross section mm ² (AWG).....	0,5 (20)

Feed Through Terminal Blocks

Type	<u>1492-JD3</u>	<u>1492-JD3C</u>
Max. rated voltage	275 V	275 V
Max. rated voltage (with cross-connectors jumping over)	60 V	60 V
Rated current (at rated conductor cross section	21 A	21 A
Rated current (with cross-connectors).....	21 A	21 A
Rated conductor cross section mm ² (AWG) ...	2,5 (14)	2,5 (14)
Max. conductor cross section mm ² (AWG).....	2,5 (14)	2,5 (14)
Min. conductor cross section mm ² (AWG).....	0,5 (20)	0,5 (20)

Distribution Feed Through Terminal Block

Type	<u>1492-JDG3</u>
Max. rated voltage	275 V
Max. rated voltage (with cross-connectors jumping over).....	60 V
Rated current (at rated conductor cross section).....	21 A
Rated current (with cross-connectors).....	21 A
Rated conductor cross section mm ² (AWG) ...	2,5 (14)
Max. conductor cross section mm ² (AWG).....	2,5 (14)
Min. conductor cross section mm ² (AWG).....	0,5 (20)

(13)

SCHEDULE

(14)

to EC-Type Examination Certificate KEMA 03ATEX2123 U

Protective Conductor Terminals

Type.....	<u>1492-JG3</u>	<u>1492-JG4</u>	<u>1492-JG6</u>
Rated conductor cross section mm ² (AWG) ...	2,5 (14)	4 (12)	6 (10)
Max. conductor cross section mm ² (AWG).....	4 (12)	6 (10)	10 (8)
Min. conductor cross section mm ² (AWG).....	0,5 (20)	0,5 (20)	0,5 (20)

Protective Conductor Terminals

Type.....	<u>1492-JG10</u>	<u>1492-JG16</u>	<u>1492-JG35</u>
Rated conductor cross section mm ² (AWG) ...	10 (8)	16 (6)	35 (2)
Max. conductor cross section mm ² (AWG).....	16 (6)	25 (4)	35 (2)
Min. conductor cross section mm ² (AWG).....	1,5 (16)	1,5 (16)	2,5 (14)

Protective Conductor Terminals

Type.....	<u>1492-JDG3C</u>	<u>1492-JG3TW</u>
Rated conductor cross section mm ² (AWG) ...	2,5 (14)	2,5/1,5 (14/16)
Max. conductor cross section mm ² (AWG).....	2,5 (14)	4 (12)
Min. conductor cross section mm ² (AWG).....	0,5 (20)	0,5 (20)

Mounting 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. For flammable gases these enclosures must satisfy the requirements according to EN 50014 and EN 50019. For combustible dust these enclosures must satisfy the requirements according to EN 50281-1-1.

In combination with other terminal block series and sizes and if other accessories are used the applicable creepage distances and clearances 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 than the rated cross section are used, the belonging lower current has to 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 -50 °C to +40 °C at the mounting position in electrical apparatus, e.g. junction and connection boxes, for temperature classes T6 and T5. When the Terminal Blocks are used in electrical apparatus of temperature classes T1 up to T4, the highest temperature of the insulating material shall not exceed the maximum value of the operating temperature range.

Routine tests

The routine dielectric strength tests according to EN 50019, clause 7.1.b may also be connected using the method as laid down in document no. A_10_07.

(16)

Report

KEMA No. 2028190.

(13)

SCHEDULE

(14)

to EC-Type Examination Certificate KEMA 03ATEX2123 U

(17) **Special conditions for safe use**

None

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

1. EC-Type Examination Certificate KEMA 98ATEX1683 U
KEMA 98ATEX1685 U
KEMA 98ATEX1687 U

dated

2. Drawing No. Labelmarking (3 sheets)
4 35759 rev. 01

19.05.2003
25.06.2003

AMENDMENT 1

to EC-Type Examination Certificate KEMA 03ATEX2123 U

Manufacturer: **Allen Bradley Co., Inc**

Address: **1201 South Second Street, Milwaukee, WI 53203-2496, USA**

Description

The range of Feed Through Terminal Blocks Type 1492-J... is extended with Feed Through Terminal Block Type 1492-J50.
 The range of Protective Conductor Terminal Blocks Type 1492-JG... is extended with Protective Conductor Terminal Block Type 1492-JG50.

Electrical data

Feed Through Terminal Block

Type	<u>1492-J50</u>
Max. rated voltage	750 V
Max. rated voltage (with cross-connectors)	550 V
Max. rated voltage (with cross-connectors adjacent to Protective Conductor Terminals without partitions)	550 V
Rated current (at rated conductor cross section)	126 A
Rated current (with cross-connectors and rated cond. cross sect.) ..	126 A
Rated current (at maximum conductor cross section).....	153 A
Rated current (with cross-connectors and max. cond. cross sect.)...	153 A
Rated conductor cross section mm ² (AWG).....	50 (0)
Max. conductor cross section mm ² (AWG)	70 (00)
Min. conductor cross section mm ² (AWG)	6 (10)

Protective Conductor Terminal Block

Type	<u>1492-JG50</u>
Rated conductor cross section mm ² (AWG).....	50 (0)
Max. conductor cross section mm ² (AWG)	70 (00)
Min. conductor cross section mm ² (AWG)	6 (10)

All other data remain unchanged.

Test documentation

1. Drawing no. 41110-195, rev 1 (3 sheets))	<u>signed</u>
1492-J50+JG50, issue 00)	19.11.2003

Arnhem, 23 December 2003
 KEMA Quality B.V.



T. Pijpker
 Certification Manager

AMENDMENT 2

to EC-Type Examination Certificate KEMA 03ATEX2123 U

Manufacturer: **Allen Bradley Co., Inc**

Adress: **1201 South Second Street, Milwaukee, WI 53203-2496, USA**

Description

In future the marking of the Feed Through Terminal Blocks Type 1492-J... and the Protective Conductor Terminal Blocks Type 1492-JG... may also be applied as stated below.

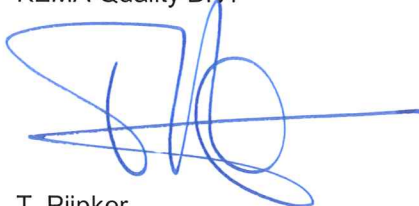
The marking of the components shall include: EEx e II and the marking of the packaging shall include the following:



II 2 G D

All other data remain unchanged.

Arnhem, 9 July 2004
KEMA Quality B.V.

A handwritten signature in blue ink, consisting of several loops and a long horizontal stroke.

T. Pijpker
Certification Manager

AMENDMENT 3

to EC-Type Examination Certificate KEMA 03ATEX2123 U

Manufacturer: **Allen Bradley Co., Inc**

Adress: **1201 South Second Street, Milwaukee, WI 53203-2496, USA**

Description

The range of Feed Through Terminal Blocks Type 1492-J... is extended with Feed Through Terminal Block Type 1492-J70.

The range of Protective Conductor Terminal Blocks Type 1492-JG... is extended with Protective Conductor Terminal Block Type 1492-JG70.

Electrical data

Feed Through Terminal Block

Type	<u>1492-J70</u>
Max. rated voltage	750 V
Max. rated voltage (with cross-connectors)	550 V
Rated current (at rated conductor cross section)	167 A
Rated current (with cross-connectors and rated cond. cross sect.) ..	167 A
Rated current (at maximum conductor cross section).....	209 A
Rated current (with cross-connectors and max. cond. cross sect.)...	209 A
Rated conductor cross section mm ² (AWG).....	70 (00)
Max. conductor cross section mm ² (AWG)	95 (000)
Min. conductor cross section mm ² (AWG)	10 (8)

Protective Conductor Terminal Block

Type	<u>1492-JG70</u>
Rated conductor cross section mm ² (AWG).....	70 (00)
Max. conductor cross section mm ² (AWG)	95 (000)
Min. conductor cross section mm ² (AWG)	10 (8)

All other data remain unchanged.

Test documentation

	<u>signed/dated</u>
1. Description	22.09.2004
2. Drawing no. 1492-J70+JG70	22.04.2004

Arnhem, 30. November 2004
KEMA Quality B.V.



T. Pijpker
Certification Manager

[2077299]



Amendment 4

to EC-Type Examination Certificate KEMA 03ATEX2123 U

Issue No. 1

Manufacturer: **Allen Bradley Co., Inc**

Address: **1201 South Second Street, Milwaukee, WI 53204-2496 USA**

Description

Feed through terminal blocks type series 1492-J.... and protective conductor terminal blocks type series 1492-J.... .

Marking

The marking of the components shall include the following:



Electrical data

Feedthrough Terminal Blocks

Type	1492-J3	1492-J4	1492-J6	1492-J10
Max. rated Voltage	550V	690V	550V	550V
-with cross connectors	440V	690V	550V	550V
-with cross connectors adjacent to Protective Conductor Terminals without partitions	440V	440V	440V	440V

Type	1492-J16	1492-J35	1492-J50	1492-J70
Max. rated Voltage	690V	690V	690V	690V
-with cross connectors	690V	690V	550V	550V
-with cross connectors adjacent to Protective Conductor Terminals without partitions	690V	690V	550V	not applicable

For the rest unchanged.

Mounting instructions

The Feed Through Terminal Blocks and Protective Conductor Terminal Blocks are suitable for use in enclosures in atmospheres with flammable gases or combustible dust. For flammable gases these enclosures must satisfy the requirements according to EN 60079-0 and EN 60079-7. For combustible dust these enclosures must satisfy the requirements according to EN 50281-1-1.

For the rest unchanged.



Amendment 4

to EC-Type Examination Certificate KEMA 03ATEX2123 U

Issue No. 1

Routine tests

The routine dielectric strength tests shall be carried out according to EN 60079-7, clause 7.2 or according to the method as laid down in document no. A_10_07.

Test Report

KEMA No. 2090568

Special conditions for safe use

None.

Essential Health and Safety Requirements

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

EN 60079-0 : 2004, EN 60079-7 : 2003 and EN 50281-1-1 : 1998 + A1.

Test documentation

- | | |
|------------------------------------|-------------------|
| 1. EC-Type Examination Certificate | KEMA 98ATEX1683 U |
| EC-Type Examination Certificate | KEMA 98ATEX1685 U |
| EC-Type Examination Certificate | KEMA 98ATEX1687 U |

- | | |
|--------------------------|--------------|
| 2. Description (9 pages) | <u>dated</u> |
| | -- |

- | | | |
|----------------|------------------|------------|
| 3. Drawing no. | 3 35718, issue 4 | 08.03.2006 |
| | 3 35720, issue 2 | 03.03.2006 |
| | 3 35722, issue 1 | 07.10.2003 |
| | 3 35724, issue 2 | 08.11.2004 |
| | 3 35726, issue 2 | 08.03.2006 |
| | 3 35728, issue 1 | 24.03.2005 |
| | 4 35757, issue 3 | 21.03.2006 |
| | 3 35744, issue 2 | 16.03.2006 |
| | 4 35748, issue 2 | 06.03.2006 |
| | 4 35746, issue 4 | 20.03.2006 |
| | 3 35730, issue 2 | 14.03.2006 |
| | 3 35733, issue 2 | 13.03.2006 |
| | 4 35736, issue 1 | 18.03.2006 |
| | 4 35738, issue 2 | 08.03.2006 |
| | 4 35740, issue 1 | 10.03.2006 |
| | 4 35742, issue 2 | 11.03.2006 |



Amendment 4

to EC-Type Examination Certificate KEMA 03ATEX2123 U

Issue No. 1

	<u>dated</u>
Drawing no. 4 35750, issue 2	20.03.2006
4 35759, issue 4	10.03.2006
3 36298, issue 3	02.03.2006
4 36296, issue 2	28.03.2006
4 39063, issue 1	15.11.2005
4 39064, issue 1	15.11.2005

Arnhem, 10 July 2006
KEMA Quality B.V.

C.G. van Es
Certification Manager



Amendment 5

to EC-Type Examination Certificate KEMA 03ATEX2123 U

Issue No. 1

Manufacturer: **Allen Bradley Co., Inc**

Address: **1201 South Second Street, Milwaukee, WI 53204-2496 USA**

Description

The range of Feed Through Terminal Blocks and Protective Conductor Terminal Blocks has been extended with Feed Through Terminal Blocks Type 1492-JD4 and 1492-JD4C and Protective Conductor Terminal Block Type 1492-JDG4.

Electrical data

Feed Through Terminal Blocks:

Type:	1492-JD4	1492-JD4C
Maximum rated voltage [V]	550	550
Maximum rated voltage [V] (with cross-connectors jumping over)	275	275
Rated current [A] (at rated conductor cross-section)	28	28
Rated current [A] (with cross-connectors)	28	28
Rated conductor cross-section [mm ²] (AWG)	4 (12)	4 (12)
Max. conductor cross-section [mm ²] (AWG)	6 (10)	6 (10)
Min. conductor cross-section [mm ²] (AWG)	0,5 (20)	0,5 (20)

Protective Conductor Terminal Block:

Type:	1492-JDG4
Rated conductor cross-section [mm ²] (AWG)	4 (12)
Max. conductor cross-section [mm ²] (AWG)	6 (10)
Min. conductor cross-section [mm ²] (AWG)	0,5 (20)

Mounting instructions

Unchanged.

Routine tests

Unchanged.

Test Report

KEMA No. 2096544.



Amendment 5

to EC-Type Examination Certificate KEMA 03ATEX2123 U

Issue No. 1

Special conditions for safe use

None.

Essential Health and Safety Requirements

Unchanged.

Test documentation

As listed in Test Report No. 2096544.

Arnhem, 21 October 2006
KEMA Quality B.V.

A handwritten signature in blue ink, consisting of several loops and a long horizontal stroke extending to the right.

T. Pijpker
Certification Manager