



1 **EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 EC - Type Examination Certificate Number: **Baseefa03ATEX0140X**

4 Equipment or Protective System: **Series 615 Limit Switch**

5 Manufacturer: **EJA Limited**

6 Address: **Hindley Green Industrial Estate, Wigan, WN2 4HR**

7 This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 Baseefa (2001) Ltd. Notified body number 1180, in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems 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. **02(C)0023/1**

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

EN 50014: 1997 + Amendments 1 & 2
EN 50018: 2000

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EC - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protective system. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment or protective system shall include the following :

⊕ II 2 G EEx d IIB T6

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

Baseefa (2001) Ltd. Customer Reference No. **2833**

Project File No. **02/0023**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

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R S SINCLAIR

DIRECTOR
On behalf of
Baseefa (2001) Ltd.

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Schedule

14

Certificate Number Baseefa03ATEX0140X

15 Description of Equipment or Protective System

A Series 615 Limit Switch, rated at up to 550V a.c. or d.c., 10A (continuous). The unit comprises a cast iron enclosure with bolt-on top and bottom covers and contains a standard two way snap lock switch (top cover marked SL) and an earthing terminal. The switch operating shaft passes through the top of the enclosure and the top cover, via a brass bush, to an external operating mechanism.

An external earthing terminal is provided.

A threaded side mounted bolt on adaptor is provided for the accommodation of a suitable BASEEFA certified flameproof cable entry device, with or without the interposition of a suitable BASEEFA certified flameproof thread adapter..

Suitable flameproof cable entry devices, thread adapters and stopping plugs certified as Equipment (not a Component) under an EC Type Examination Certificate to Directive 94/9/EC may also be used in the manner specified above

VARIATION 0.1

Alternative switch units fitted to the interior comprising:-

Neutral position snap lock switch (top cover marked SLNP) rated at up to 550V a.c. /d.c., 10A (continuous).

Positive drive single pole switch (top cover marked SPS), rated at up to 240V a.c., 5A (resistive).

Single pole snap action switch (top cover marked SPCO), rated at up to 480V a.c., 10A (continuous).

Double pole snap action two step switch (top cover marked DPTS), rated at up to 480V a.c., 10A (continuous).

Double pole snap action switch (top cover marked DP), rated at up to 480V a.c., 10A (continuous).

VARIATION 0.2

Alternative electrical ratings for all the switch units, as detailed on the drawings below.

16 Report Number

02(C)0023/1

17 Special Conditions for Safe Use

The maximum cylindrical flamepath gaps shall not exceed 0.15 mm.

18 Essential Health and Safety Requirements

All relevant Essential Health and Safety Requirements are covered by the standards listed at item 9.

19 Drawings and Documents

Number	Issue	Date	Description
AR1135	8	16.04.03	General Assembly Limit Switch Series 615 (Group II)



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa03ATEX0140X/1**

4 Equipment or Protective System: **Series 615 Limit Switch**

5 Manufacturer: **EJA Limited**

6 Address: **Wigan, WN2 4HR**

7 This supplementary certificate extends EC – Type Examination Certificate No. **Baseefa03ATEX0140X** to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

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

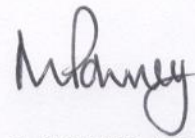
Baseefa (2001) Ltd. Customer Reference No. **2833**

Project File No. **04/0599**

This certificate is granted subject to the general terms and conditions of Baseefa (2001) Ltd. It does not necessarily indicate that the equipment may be used in particular industries or circumstances.

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RS
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DIRECTOR
On behalf of
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Schedule

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Certificate Number Baseefa030ATEX0140X/1

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Description of the variation to the Equipment or Protective System

Variation 1.1

Correction to label marking.

16

Report Number

None

17

Special Conditions for Safe Use

None additional to those listed previously

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Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

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Drawings and Documents

Number	Issue	Date	Description
AR1135	9	03.08.04	General Assembly Limit Switch Series 615 (Group II)



1 **SUPPLEMENTARY EC - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 94/9/EC**

3 Supplementary EC - Type Examination Certificate Number: **Baseefa03ATEX0140X/2**

4 Equipment or Protective System: **Series 615 Limit Switch**

5 Manufacturer: **Rockwell Automation Ltd**

6 Address: **Coupland Road , Hindley Green Industrial Estate, Wigan, WN2 4HR**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa02ATEX0140X to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

This supplementary certificate shall be held with the original certificate.

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

Baseefa Customer Reference No. **2833**

Project File No. **08/0865**

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Baseefa is a trading name of Baseefa Ltd
Registered in England No. 4305578. Registered address as above.

A handwritten signature in black ink, appearing to read "R S Sinclair".
R S SINCLAIR
DIRECTOR
On behalf of
Baseefa



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Schedule

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Certificate Number Baseefa02ATEX0140X/2

15 **Description of the variation to the Equipment or Protective System**

Variation 2.1

To confirm that the equipment covered by this certificate has been reviewed against the requirements of EN 60079-0: 2006 and EN 60079-1: 2007, in respect of the differences from the Standards to which this certificate was issued; none of these differences affect this equipment.

The equipment is now coded:

⊕ II 2 G Ex d IIB T6

16 **Report Number**

Baseefa Certification Report 08(C)0865

17 **Special Conditions for Safe Use**

None additional to those listed previously

18 **Essential Health and Safety Requirements**

Compliance with the Essential Health and Safety Requirements is not affected by this variation.

19 **Drawings and Documents**

Number	Issue	Date	Description
AR1135 Sheet 1	10	09/01/09	GA Limit Switch Series 615 (Group II)