

1 **SUPPLEMENTARY EU - TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres
Directive 2014/34/EU**

3 Supplementary EU - Type **Baseefa10ATEX0135X/2**
Examination Certificate Number:

3.1 In accordance with Article 41 of Directive 2014/34/EU, EC-Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Supplementary Certificates to such EC-Type Examination Certificates, and new issues of such certificates, may continue to bear the original certificate number issued prior to 20 April 2016.

4 Product: **MBA2A Mechanical Belt Switch, MBA2RA Mechanical Belt Alignment
c/w Belt Rip and MBR2A Belt Rip Switch**

5 Manufacturer: **Synatel Instrumentation Limited**

6 Address: **Walsall Road, Norton Canes, Cannock, Staffordshire, WS11 9TB**

7 This supplementary certificate extends EC – Type Examination Certificate No. Baseefa10ATEX0135X to apply to products 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.

8 SGS Baseefa, Notified Body number 1180, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that the product, as modified by this supplementary certificate, has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

9 Item 9 of the original Certificate is replaced by "Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0: 2018 EN 60079-31: 2014 EN ISO 80079-36: 2016

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

12 The marking of the equipment has changed from the original Certificate and shall include the following:

Ex II 2D Ex tb h IIIC T125°C Db

IP66 Tamb -20°C to +50°C

SGS Baseefa Customer Reference No. **1057**

Project File No. **14/0431**

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R S SINCLAIR
TECHNICAL MANAGER

On behalf of SGS Baseefa Limited

M POWNEY
Certification
Manager

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Schedule

14

Certificate Number Baseefa10ATEX0153X/2

15 Description of the variation to the Product

Variation 2.1

Minor drawing modifications and repositioning of the serial number label.

Variation 2.2

Add alternative microswitch options.

Variation 2.3

Add alternative 100W reed switch.

Variation 2.4

Update enclosure/housing certificate number to latest certificate.

Variation 2.5

Change the flat washer to an o-ring for the M25 Rod Guide and the M25 plug with connection.

Variation 2.6

To confirm that the equipment covered by this certificate has been reviewed against the requirements of EN IEC 60079-0: 2018, EN 60079-31: 2014 and EN ISO 80079-36: 2016 in respect to the differences from EN 60079-0: 2009, EN 60079-31: 2009 and EN 13463-1: 2009 and that none of these differences in the standards affects this equipment, other than the marking and the requirement for IP washers on entries.

The equipment is now marked as follows:

⊕ II 2D Ex tb h IIC T125°C Db

IP66 Tamb -20°C to +50°C

Variation 2.7

To add 3 new Specific Conditions of Use.

16 Report Number

GB/BAS/ExTR19.0159/00

17 Specific Conditions of Use

As those listed previously, and as follows:

1. The threaded entry holes shall be fitted with suitable cable glands or other suitable accessories such as breather/drains having an equipment certificate that maintain the IP66 Ingress Protection rating of the enclosure. These devices shall incorporate a suitable o-ring or sealing washer and locknut on the entry thread to maintain the IP66 rating.
2. Unused entry holes shall be fitted with suitable stopping plugs having an equipment certificate, or having a component certificate subject to the confirmation by the end user/installer of the ingress protection rating and the permitted service temperature of the component. The stopping plugs shall incorporate a suitable o-ring or sealing washer on the entry thread to maintain the IP66 rating.
3. The operating temperature range and ingress protection rating of the enclosure is limited to that of the devices/accessories fitted.

18 Essential Health and Safety Requirements

Compliance with the Essential Health and Safety Requirements is affected as follows.

Clause	Subject	Compliance
1.2	Selection of materials and protection against other hazards	Manufacturer liaises with customer via sales, instructions and declaration
1.4	Hazards arising from external effects and aggressive substances	Manufacturer liaises with customer via sales and instructions.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
Updated Existing Drawings:				
A4-15574B	---	B	17/02/20	MBA Series Approval Label
New Drawings:				
A3-80005A	---	A	17/02/20	MBA and MBR Series Variations Approval (General Arrangement)
A4-200893A	---	A	23/05/19	MBA2RA CCT Assembly Switch PCB
A4-200894A	---	A	23/05/19	MBA2/MBA2A CCT Assembly Switch PCB
A4-200895A	---	A	23/05/19	MBR2/MBR2A CCT Assembly Switch PCB
Drawings now obsolete:				
* A3-301129A	---	0	09/02/11	MBA and MBR Series Variations Approval
* A4-200660B	---	0	07/04/08	MBA2RA CCT Assembly Switch PCB
* A4-200662B	---	0	07/04/08	MBA2/MBA2A CCT Assembly Switch PCB
* A4-200663B	---	0	07/04/08	MBR2/MBR2A CCT Assembly Switch PCB

All drawings are common to, and held on, IECEx BAS10.0056X

* These drawings are replaced by A3-80005A, A4-200893A, A4-200894A and A4-200895A.