

1 **EU - TYPE EXAMINATION CERTIFICATE**

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

3 EU - Type Examination Certificate **MECS02ATEX5089U – Issue 1**
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: **Type 33MK2A Half Coupler**

5 Manufacturer: **Victor Products Limited**

6 Address: **Unit 3A, Tyne Dock East Side, Port of Tyne, South Shields, Tyne & Wear,
NE33 5SQ**

7 This re-issued certificate extends EC Type Examination Certificate No. **MECS02ATEX5089U** to apply to product 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 Fimko Oy, Notified Body number 0598, 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.

8.1 The original certificate was issued by SGS Baseefa Ltd (UK Notified Body 1180). It, and any supplements previously issued by SGS Baseefa Ltd have been transferred to the supervision of SGS Fimko Oy (EU Notified Body 0598). The original certificate number is retained.

The examination and test results are recorded in confidential Report No. - **See Certificate History**

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

EN IEC 60079-0: 2018 EN 60079-1: 2014

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

10 The sign “U” is placed after the certificate number. It 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 EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:

 **I M2 Ex db I Mb**

SGS Baseefa Customer Reference No. **1186**

Project File No. **21/0261**

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Schedule

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Certificate Number MECS02ATEX5089U – Issue 1

15 Description of Product

The Type 33MK2A Half Coupler for use at 3300V, 500A (maximum) comprises a compound filled sealing box, made of cast gunmetal, fitted with a cable gland assembly for single sire armoured cable. Access for filling with the compound is via two Group I stopper plugs. The half coupler incorporates an insulator assembly with three main contact tubes and up to six pilot connectors which are crimped to the cable conductors.

16 Report Number

See Certificate History

17 Schedule of Limitations

1. The half coupler should not be used with the equipment for which the routine pressure tests exceeds 10 bar without further assessment or tests.

18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject	Compliance
1.2.7	LVD type requirements	Standards require manufacturer's declaration, supplied.
1.2.8	Overloading of equipment (protection relays, etc.)	Covered by installation rules and manufacturer's instructions
1.4.1	External effects	The Purchaser should make the manufacturer aware of such issues. Covered in Instructions
1.4.2	Aggressive substances, etc.	The Purchaser should make the manufacturer aware of such issues. Covered in Instructions

19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
CA143	1	2	23/04/21	3.3Kv-500Amp Flameproof Half Coupler Assembly - Type 33MK2A
CA143	2	2	23/04/21	3.3Kv-500Amp Flameproof Half Coupler Assembly - Type 33MK2A

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
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The drawing is common to MECS02ATEX5089U and BAS21UKEX0322U and held with the former.

20 Certificate History

Certificate No.	Date	Comments
MECS02ATEX5089U	12 March 2002	The release of the prime certificate. The associated test and assessment against the requirements of EN 50014: 1997 + Amds 1 & 2 and EN 50018: 2000; information is documented in Test Report No. 00(C)0943.
MECS02ATEX5089U – Issue 1	11 May 2021	To assess the component against the requirements of EN IEC 60079-0: 2018 and EN 60079-1: 2014. See SGS Baseefa Certification Report 21(C)0261/01. This issue of the certificate incorporates the Prime and this Supplement into one certificate.
For drawings applicable to each issue, see original of that issue.		