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 Number:	**Baseefa09ATEX0323U – Issue 3**
4	Product:	**9378-FT Fieldbus Terminator**
5	Manufacturer:	**Eaton Electric Limited**
6	Address:	**Great Marlings, Butterfield, Luton, Bedfordshire, LU2 8DL** **United Kingdom**

7 This re-issued certificate extends EC Type Examination Certificate No. **Baseefa09ATEX0323U** 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 EN IEC 60079-7: 2015 +A1:2018 EN 60079-18: 2015 +A1:2017

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:

Ex II 2G Ex db eb mb IIC Gb (-40ºC ≤ Ta ≤ +75ºC)

SGS Baseefa Customer Reference No. **0703** Project File No. **24/0086**

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13 # Schedule

14 ## Certificate Number Baseefa09ATEX0323U – Issue 3

15 Description of Product

The 9378-FT Fieldbus Terminator is a component module that is designed to connect across a Fieldbus line as part of other equipment. It comprises an encapsulated circuit and live-disconnect connectors to enable it to be fitted and removed without first powering down the Fieldbus line. Its purpose is to provide the correct line termination impedance for correct Fieldbus operation.

This component contains a component certified connector covered by BVS19ATEXE033U.

16 Report Number

See certificate history.

17 Schedule of Limitations

1. The 9378-FT Fieldbus Terminator must be housed in an appropriately certified Ex e enclosure.

2. The 9378-FT Fieldbus Terminator must plug into equipment that uses the socket part of the connector covered by certificate BVS19ATEXE033U.

3. The ambient temperature must not exceed +75°C.

4. The 9378-FT Fieldbus Terminator shall only be powered from supplies conforming to IEC 61158.

5. The 9378-FT Fieldbus Terminator shall only be connected into equipment that causes the secondary latch to limit movement before the live-dematable connector plug and socket metal parts separate by over 1.9mm.

6. When used within the limitations present on this certificate, the component is intended to meet the requirements for temperature class T4 without further temperature testing.

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
1.4.1	External effects
1.4.2	Aggressive substances, etc.

19 Drawings and Documents

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
CI9378-2	1	2	12.09	9378-FT (Fieldbus Terminator) PCB Assembly
CI9378-4	1	3	2.24	FB Terminator Lid Marking

The above drawing is associated and held with IECEx BAS 09.0087U Issue 3

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
CI9378-1	1	1	7.09	9378-FT (Fieldbus Terminator) PCB Final Assembly
CI9378-3	1	1	11.09	9378-FT (Fieldbus Terminator) PCB Track Layout
CI9378-5	1	1	1.10	Fieldbus Terminator Assy
CI9378-6	1 & 2	1	12.09	Fieldbus Terminator Case

The above drawings are associated and held with IECEx BAS 09.0087U Issue 3.

20 Certificate History

Certificate No.	Date	Comments
Baseefa09ATEX0323U	09 April 2010	The release of the prime certificate. The associated test and assessment against the requirements of EN60079-0: 2009, EN60079-1: 2007, EN60079-7: 2007 & EN60079-18: 2004 is documented in Test Report No. GB/BAS/ExTR09.0125/00, Project No 08/0785
Baseefa09ATEX0323U/1	29 February 2012	To update EN60079-18 assessment from EN60079-18: 2004 to EN60079-18: 2009. Report No: GB/BAS/ExTR11.0194/00, Project No: 10/0618
Baseefa09ATEX0323U Issue 2	29 November 2017	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate, and after accepting an Attestation of Conformity by the holder of the component certificate TUV09ATEX555354U, claims compliance with EN 60079-0:2012 + A11: 2013, EN 60079-1:2014 and EN 60079-7:2015. This issue of the certificate also covers a change of company name from 'Measurement Technology Limited' to 'Eaton Electric Limited'. The test and assessment is documented in Certification Report No: GB/BAS/ExTR16.0295/00, held with IECEx BAS 09.0087U Iss. 2, Project No: 16/0371.
Baseefa09ATEX0323U Issue 3	26 March 2024	This issue of the certificate confirms compliance with the requirements of IEC 60079-0: 2017 Ed.7, IEC 60079-1: 2014 Ed. 7, IEC 60079-18: 2015+A1:2017 Ed.4.1 & IEC 60079-7: 2015+A1:2017 Ed.5.1, permits the change in marking and to allow connectors covered by new component certificate BVS 19ATEX E 033U. The test and assessment is documented in Certification Report No: GB/SGS/ExTR24.0038/00, held with Project No: 24/0086.
For drawings applicable to each issue, see original of that issue.		