

d1 **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: **Baseefa09ATEX0324U – Issue 4**

4 Product: **9376-SP Trunk Surge Protector**

5 Manufacturer: **Eaton Electric Limited**

6 Address: **Butterfield, Luton, LU2 8DL, UK**

7 This re-issued certificate extends EC Type Examination Certificate No. **Baseefa09ATEX0324U** 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:

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

SGS Baseefa Customer Reference No. **0703**

Project File No. **24/0086**

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SGS Fimko Oy

Takomotie 8
FI-00380 Helsinki, Finland
Telephone +358 (0)9 696 361
e-mail sgs.fimko@sgs.com
web site www.sgs.fi

Business ID 0978538-5 Member of the SGS Group (SGA SA)



Mikko Välimäki
SGS Fimko Oy

13 **Schedule**

14 **Certificate Number Baseefa09ATEX0324U – Issue 4**

15 **Description of Product**

The 9376-SP Trunk Surge Protector 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 function is to provide transient protection for other equipment connected to the Fieldbus line.

This component contains a component certified connector covered by BVS19ATEX E033U.

16 **Report Number**

See certificate history.

17 **Schedule of Limitations**

1. The 9376-SP Trunk Surge Protector must be housed in an appropriately certified Ex e enclosure.
2. The 9376-SP Trunk Surge Protector must plug into equipment that uses the socket part of the connector covered by certificate BVS19ATEX E033U.
3. Due to the presence of transient protection components between the fieldbus and earth connections, the 9376-SP Trunk Surge Protector will not withstand a 500V a.c. dielectric strength test. This must be taken into account during installation.
4. The ambient temperature must not exceed +75°C.
5. The 9376-SP Trunk Surge Protector shall only be powered from supplies conforming to IEC 61158.
6. The 9376-SP Trunk Surge Protector shall only be connected into equipment that causes the secondary latching connector to limit movement before the live-demateable connector plug and socket metal parts separate by over 1.9mm.
7. 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
CI9376-2	1	3	1.24	9376-SP (FIELDBUS) COMP LAYOUT
CI9376-4	1	4	2.24	FB Trunk Surge Lid Marking

The above drawings are associated and held with IECEx BAS 10.0005U Issue 4

Current drawings which remain unaffected by this issue:

Number	Sheet	Issue	Date	Description
CI9376-1	1	2	1.14	Certification Drawing for Fieldbus Trunk Surge
CI9376-3	1	2	1.14	Fieldbus Trunk Surge Track Layout
CI9376-6	1 & 2	1.0	12.13	Fieldbus Trunk Surge Case

The above drawings are associated and held with IECEx BAS 10.0005U.

20 Certificate History

Certificate No.	Date	Comments
Baseefa09ATEX0324U	9 April 2010	The release of prime certificate. The associated test and assessment is documented in Test Report GB/BAS/ExTR09.0125/00, Project Number: 08/0785.
Baseefa09ATEX0324U/1	29 Feb 2012	To confirm that the equipment covered by this certificate has been reviewed against the requirements of EN 60079-18:2009 in respect of the differences from EN 60079-18:2004 and that none of these differences affect this equipment. The associated test and assessment is documented in Test Report GB/BAS/ExTR011.0194/00, Project Number 10/0618.
Baseefa09ATEX0324U Issue 2	16 January 2014	This issue of the certificate incorporates previously issued primary & supplementary certificates into one certificate, permits minor electrical changes and confirms the current design meets the requirements of EN 60079-0:2012. The associated test and assessment is documented in Test Report GB/BAS/ExTR013.0147/00, Project Number 13/0289.
Baseefa09ATEX0324U Issue 3	29 November 2017	<p>This issue of the certificate, 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.</p> <p>This issue of the certificate also covers a change of company name from 'Measurement Technology Limited' to 'Eaton Electric Limited'.</p> <p>The test and assessment is documented in Certification Report No: GB/BAS/ExTR16.0297/00, held with IECEx BAS 10.0005U Iss. 3, Project No: 16/0371.</p>
Baseefa09ATEX0324U Issue 4	26 March 2024	<p>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.</p> <p>The test and assessment is documented in Certification Report No: GB/SGS/ExTR24.0037/00, held with Project No: 24/0086.</p>
For drawings applicable to each issue, see original of that issue.		