

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: **Baseefa16ATEX0037U – Issue 3**  
4 Product: **C25-21 Connection Kit**  
5 Manufacturer: **nVent Thermal LLC**  
6 Address: **899 Broadway Street, CA, 94063-3104, USA**

7 This re-issued certificate extends EC Type Examination Certificate No. **Baseefa16ATEX0037U** 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 IEC 60079-7:2015 + A1: 2018**  
**EN 60079-31:2014**

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:

**II 2 GD Ex eb IIC Gb**  
**Ex tb IIIC Db**

SGS Baseefa Customer Reference No. **865**

Project File No. **21/0234**

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13 **Schedule**

14 **Certificate Number Baseefa16ATEX0037U – Issue 3**

15 **Description of Product**

The C25-21 connection kit is for use with parallel trace heating systems to provide an appropriate connection and insulation for parallel trace heating cable into an Ex certified enclosure. It comprises heat shrink tubing and a M25 cable gland to PTB14ATEX1015X.

The kit contains:

- 1 gland
- 2 grommets
- 1 locknut
- 1 insulation sleeve (green/yellow) for insulating the braid/ground wire.

16 **Report Number**

See certificate history.

17 **Schedule of Limitations**

1. The service temperature of the connection kit is -55°C to +110°C.
2. When the C25-21 connection kit is used, it shall be mounted to an enclosure in accordance with the manufacturer's instruction.
3. The installer is to carry out a dielectric strength test on the Ex equipment in which the C25-21 connection kit is fitted. No dielectric breakdown shall occur. (Alternatively, an insulation resistance test may be undertaken in accordance with EN 60079-30-2.)

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
1.2.7	LVD type requirements
1.2.8	Overloading of equipment (protection relays, etc.)
1.4.1	Eternal effects
1.4.2	Aggressive substances, etc.

19 **Drawings and Documents**

New drawings submitted for this issue of certificate:

Number	Sheet	Issue	Date	Description
906567 <sup>i</sup>	1 of 1	P	05/21/21	C25-21, C25-100 and C25-100-METAL-XX, C3/4-100-METAL-XX CONNECTION KITS
K-160404-1 <sup>ii</sup>	1 of 1	A	4/12/2021	FRONT – Polybag printing for Connection Kits: C25-21, C25-100, C25-100-METAL, C25-100-METAL-NP, C3/4-METAL, C3/4-METAL-NP

Current drawings which remain unaffected by this issue:

None

- i) This drawing is common to IECEx BAS 16.0040U, IECEx BAS 16.0041U, IECEx 16.0042U, IECEx BAS 20.0008X, IECEx BAS 20.0009X, IECEx BAS 20.0011X, IECEx BAS 20.0012X, IECEx BAS 20.0013X, IECEx BAS 20.0014X, Baseefa16ATEX0037U, Baseefa16ATEX0038U, Baseefa16ATEX0039U, SGS20ATEX0045X, SGS20ATEX0046X, SGS20ATEX0048X, SGS20ATEX0049X, SGS20ATEX0050X, SGS20ATEX0051X and is held with IECEx BAS 16.0040U.
- ii) This drawing is common to IECEx BAS 16.0040U, IECEx BAS 16.0041U, IECEx BAS 16.0042U, Baseefa16ATEX0037U, Baseefa16ATEX0038U, Baseefa16ATEX0039U and is held with IECEx BAS 16.0040U.

## 20 Certificate History

Certificate No.	Date	Comments
Baseefa16ATEX0037U	6 July 2016	The release of the prime certificate. The associated test and assessment against the requirements of EN 60079-0:2012+A11:2013, EN 60079-7:2015 and EN 60079-31:2014 is documented in Test Report No. GB/BAS/ExTR16.0087/00.
Baseefa16ATEX0037U/1	16 January 2019	To confirm the certificate is now held in the name of nVent Thermal LLC and to update the product marking label to show the name of nVent Thermal LLC. Baseefa Certification Report GB/BAS/ExTR18.0101/00 Refers.
Baseefa16ATEX0037U/2	21 December 2020	To assess the C25-21 Connection Kit against the standards EN IEC 60079-0:2018 and EN 60079-7:2015+A1:2018 and to amend the product description. Baseefa Certification Report GB/BAS/ExTR20.0176/00 refers.
Baseefa16ATEX0037U Issue 3	7 July 2021	To allow the HTV heating cable to be used with the connection kit. Baseefa Certification Report GB/BAS/ExTR21.0060/00 refers.
For drawings applicable to each issue, see original of that issue.		