



EU TYPE-EXAMINATION CERTIFICATE

Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

Certificate Number: **CSANe 20ATEX3224X** Issue: **0**

Equipment: **Heating Cable Connection/Termination Kit – Model No. SLCABUC-EU**

Applicant: **BriskHeat Corporation**

Address: **4800 Hilton Corporate Drive
Columbus OH, 43232
USA**

This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

CSA Group Netherlands B.V., notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0: 2012 (+A11:2013) EN 60079-7: 2015 EN 60079-31: 2014

If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.

This EU type-examination certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

The marking of the equipment shall include the following:



II 2GD

Ex eb IIC Gb

Ex tb IIIC Db

Service Temperature = -34°C to +110°C

Project Number 80057221

Signed: J A May

Title: Director of Operations

CSA Group Netherlands B.V.
Utrechtseweg 310, Building B42,
6812AR, Netherlands



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Issue 0

13 DESCRIPTION OF EQUIPMENT

The SLCABUC-EU Heating Cable Connection/Termination Kit is designed to be used with a separately certified terminal enclosure, not included in this certificate, to allow the termination of self-regulating heat trace cables. An adaptor is also included as part of the stand-off to ensure clamping on pipes smaller than 1".

The main body of the stand-off is manufactured from PPS. The body comprises of two main parts. The base is designed to be secured to the pipe by means of a pipe strap. The heat trace cable then passes through a void, turning 90° through a sealing grommet. The cable leaves the stand-off through the top before it is secured in place using two cam levers which are then secured by inserting a nylon zip tie through the ends of the levers. The uppermost section of the top has a 3/4" threaded section used to connect to a separately certified Ex e junction box by using either a junction box with a 3/4" threaded hub or using the sealing gasket and lock ring for fixing in a plain hole.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated CSA Reports and Certificate History

Issue	Date	Report number	Comment
0	23 October 2020	R80057222A	The release of prime certificate.

14.3 Certificate number Sira 18ATEX3247X Issue 1.

15 SPECIFIC CONDITIONS OF USE (denoted by X after the certificate number)

15.1 The Connection Enclosure has a non-conducting coating and may generate an ignition-capable level of electrostatic charge under certain extreme conditions. The user shall ensure that the equipment is not installed in a location where it may be subjected to external conditions (such as high-pressure steam) which might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment shall be done only with a damp cloth.

15.2 The SLCABUC-EU Heat Trace Standoff must be connected to a suitably certified terminal enclosure for termination of cables.

15.3 The user shall ensure a minimum of IP54 is maintained between the standoff and enclosure by following the information provided in the installation manual and selecting the relevant grommet for the size of cable in use.

15.4 The SLCABUC-EU Heat Trace Standoff is suitable over a service temperature range of between -34°C to +110°C. Both the trace heating cable and the terminal box used with the standoff shall be selected so that this temperature range is not exceeded.

15.5 The standoff is suitable for use with cables of 0.250" x 0.450" (6.35mm x 11.43mm) and 0.225" x 0.580" (5.715mm x 14.732mm) size.

15.6 Cables must be secured to ensure that no mechanical strain can be applied to the cable.

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

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Certificate Annexe



Certificate Number: CSANe 20ATEX3224X

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– Model No. SLCABUC-EU

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Issue 0

Drawing	Sheets	Rev.	Date (stamp)	Title
HTP-LAB-001	1 of 1	B	20 Oct 20	Product Label for SLCABUC-EU

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