



1 **EU-TYPE EXAMINATION CERTIFICATE**

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

3 Certificate Number: **Sira 14ATEX3233U** Issue: **1**

4 Component: **ZONEX™ Hole Seal**

5 Applicant: **Hoffman Enclosures .**

6 Address: 2100 Hoffman Way
Anoka
Minnesota
55303, United States. These products may be manufactured at any Hoffman Enclosures Facility that has been audited for the manufacture of the type of protection defined on this certificate; in addition, the site must also be listed on Quality Assurance Notification SIRA 09 ATEX M448 or its subsequent Issues.

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

8 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 component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of a component 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.

9 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

EN 60079-7:2007

EN 60079-31:2009

10 The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any limitations of use are listed in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

12 The marking of the component shall include the following:



II 2GD
Ex e IIC Gb
Ex tb IIIC Db

Project Number 1695

Signed:

Title: Director of Operations

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CSA Group Netherlands B.V.
Utrechtseweg 310,
6812 AR, Arnhem,
Netherlands



SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE

Sira 14ATEX3233U
Issue 1

13 DESCRIPTION OF COMPONENT

The ZONEX™ Hole Seal is intended to close off and seal unused cable entries on associated, smooth metallic surfaced, reased safety enclosures. It comprises of four component parts:

- Seal plate - a round and formed outer metallic disc with a centrally welded stud.
- Gasket - Fitted around the edge of the seal plate is a one piece, profiled, elastomeric gasket.
- Retainer plate - a round and formed inner, metallic disc with a central hole.
- Hex nut - a one piece combined nut and serrated fan disc washer.

The nut and combined washer secures the inner metal disc to the outer metal disc via its attached welded stud whilst clamping against the associated enclosure/gland plate. This creates an ingress protection seal on the outer surface of the associated enclosure/gland plate to which it is fitted.

The product is available in the following sizes:

Model No:	Catalogue No:
28782	EXAS050xxx
28783	EXAS075xxx
28784	EXAS100xxx
28785	EXAS125xxx
28786	EXAS150xxx
28787	EXAS200xxx
28788	EXAS250xxx

The product number designation is EXASDSS6 where:

- EXA = Ex hazardous area approved
- S = Silicone gasket
- D = 3 digit numerical code representing the intended conduit entry size the seal is to be fitted in hes e.g. 050 (1/2")
- SS = Stainless steel. If catalogue number does not end in '6', seal plate material is 304 SS
- 6 = 316 Stainless steel (Only)

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report number	Comment
0	26 February 2015	R70008479A	The release of the prime certificate.
1	31st October 2019	1695	<ul style="list-style-type: none">• Transfer of certificate Sira 14ATEX3233U from Sira Certification Service to CSA Group Netherlands B.V..• EC Type-Examination Certificate in accordance with 94/9/EC updated to EU Type-Examination Certificate in accordance with Directive 2014/34/EU. (In accordance with Article 41 of Directive 2014/34/EU, EC Type-Examination Certificates referring to

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			<i>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. Variations to such EC Type-Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)</i>
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15 SPECIAL CONDITIONS FOR SAFE USE

- 15.1. The ZONEX™ Hole Seal has been independently Ingress protection tested and, when mounted on a flat smooth sheet metal of a suitable enclosure in accordance with the manufacturer’s instructions, a rating of up to IP66 can be achieved.
- 15.2. The ZONEX™ Hole Seal shall be:
 - installed on metallic enclosures having internal bare clean metal surfaces to avoid electrostatic discharge.
 - only used where the temperature, at the point of entry, is in the range -55°C to +180°C.
 - installed in smooth sheet metal enclosures/gland plates having the following entry sizes:

Catalogue No:	Enclosure hole size		Enclosure wall thickness	
	Minimum mm (h)	Maximum mm (h)	Minimum mm (h)	Maximum mm (h)
EXAS050xxx	20.0 (0.787)	22.5 (0.885)	1.46 (0.0576)	3.2 (0.126)
EXAS075xxx	25.0 (0.984)	27.5 (1.082)	1.46 (0.0576)	3.2 (0.126)
EXAS100xxx	32.0 (1.259)	34.5 (1.358)	1.46 (0.0576)	3.2 (0.126)
EXAS125xxx	40.0 (1.574)	42.5 (1.673)	1.46 (0.0576)	3.2 (0.126)
EXAS150xxx	50.0 (1.968)	52.5 (2.066)	1.46 (0.0576)	3.2 (0.126)
EXAS200xxx	63.0 (2.480)	65.5 (2.578)	1.46 (0.0576)	3.2 (0.126)
EXAS250xxx	75.0 (2.952)	77.5 (3.051)	1.46 (0.0576)	3.2 (0.126)

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.

Certificate Annexe



Certificate Number: Sira 14ATEX3233U
Component: ZONEX™ Hole Seal
Applicant: Hoffman Enclosures .

Issue 0

Drawing	Sheets	Rev.	Date(Sira Stamp)	Title
89104657	1 to 3	B	24 Feb 15	ATEX/IECEX Schedule Drawing
89105188	1 of 2	A	14 Jan 15	Front Cover – EXSO75SS6
89105190	1 of 2	A	14 Jan 15	Front Cover – EXSPBGSS6
89105191	1 of 2	A	14 Jan 15	Front Cover – EXSPBSS6
89105192	1 of 2	B	14 Jan 15	Front Cover – EXS150SS6
89105193	1 of 2	A	14 Jan 15	Front Cover – EXS200SS6
89105194	1 of 2	A	14 Jan 15	Front Cover – EXS12SS6
89105197	1 of 2	A	14 Jan 15	Front Cover – EXS250SS6
89043878	1 of 1	B	14 Jan 15	Stud
89105172	1 of 1	A	14 Jan 15	Front Cover /Stud weld assy – EXSO75SS6
89105174	1 of 1	A	14 Jan 15	Front Cover /Stud weld assy – EXSPBGSS6
89105175	1 of 1	A	14 Jan 15	Front Cover /Stud weld assy – EXSPBSS6
89105176	1 of 1	B	14 Jan 15	Front Cover /Stud weld assy – EXS150SS6
89105177	1 of 1	A	14 Jan 15	Front Cover /Stud weld assy – EXS200SS6
89105178	1 of 1	A	14 Jan 15	Front Cover /Stud weld assy – EXS12SS6
89105181	1 of 1	A	14 Jan 15	Front Cover /Stud weld assy – EXS250SS6
89112652	1 of 1	C	14 Jan 15	Gasket – M20
89112654	1 of 1	C	14 Jan 15	Gasket – M25
89112655	1 of 1	C	14 Jan 15	Gasket – M32
89112656	1 of 1	C	14 Jan 15	Gasket – M40
89112657	1 of 1	C	14 Jan 15	Gasket – M50
89112658	1 of 1	C	14 Jan 15	Gasket – M63
89112659	1 of 1	C	14 Jan 15	Gasket – M75
89044102	1 of 1	A	14 Jan 15	Back Cover – 1.312
89044110	1 of 1	A	14 Jan 15	Back Cover – 1.50
89044115	1 of 1	A	14 Jan 15	Back Cover – 1.625
89044120	1 of 1	A	14 Jan 15	Back Cover – 1.938
89044127	1 of 1	A	14 Jan 15	Back Cover – 2.25
89044163	1 of 1	A	14 Jan 15	Back Cover – 2.75
89044390	1 of 1	A	14 Jan 15	Back Cover – 3.25
89105430	1 of 1	B	14 Jan 15	Nut /Star washer combination

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