



1 **EU-TYPE EXAMINATION CERTIFICATE**

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

3 Certificate Number: **Sira 00ATEX3206** Issue: **4**

4 Equipment: **Type HVB 6.6 Junction Box**

5 Applicant: **Pepperl+Fuchs GmbH**

6 Address: Lilienthalstrasse 200  
68307 Mannheim  
Germany

7 This equipment 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 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.

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 60079-0:2006	EN 61241-0:2006
IEC 60079-0:2007 was used for reference with the marking	EN 61241-1:2004
EN 60079-7:2007	

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use identified in the schedule to this certificate.

11 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.

12 The marking of the equipment shall include the following:

**When anti-condensation heater is fitted:**



II 2 GD  
Ex e IIC T6 Gb  
Ex tb IIIC T85°C Db IP66  
(Ta = -50°C to +55°C)



II 2 GD  
Ex e IIC T4 Gb  
Ex tb IIIC T135°C Db IP66  
(Ta = -50°C to +55°C)

Project Number 2744

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

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#### 13 DESCRIPTION OF EQUIPMENT

The Type HVB6.6 junction box utilises a size 7B standard enclosure manufactured by Walsall Ltd and covered by Certificate Number Sira 00ATEX3027U. The equipment is rated at 6.6 kV (max.), 650 A (max.) and has IP rating of IP66. The enclosure is manufactured from fabricated stainless steel with a single hinged door. There are three, equally spaced, internal bus bars mounted on insulators that are rated at 10 kV. The insulators are in turn installed on an epoxy glass laminate board that is fastened onto mounting rails fixed to the standard enclosure fixing points. There are six, plastic, cable support cleats mounted on GRP support rails for each bus bar connection point.

**Variation 1** - This variation introduced the following changes:

- i. The addition of an anti-condensation heater and terminals within the Junction Box; this heater is rated up to 250 V, 50 W and is a type ACH050 certified as ITS04ATEX31843X and coded ε II 2 G, EEx e II T4.

**Variation 2** - This variation introduced the following changes:

- i. Following appropriate re-assessment to demonstrate compliance with the requirements of the EN 60079 series of standards, the documents originally listed in section 9, EN 50014:1997 (amendments A1 to A2), EN 50019:2000 and EN 50281-1-1:1998, were replaced by EN 60079-0:2006, EN 60079-7:2007, EN 61241-0:2006 and EN 61241-1:2004, the markings in section 12 were updated accordingly.

**Variation 3** - This variation introduced the following change:

- i. The following applicant company name and address change:

From:	To:
Walsall Limited.	Pepperl+Fuchs GmbH
Cornwallis Road	Lilienthalstrasse 200
West Bromwich	68307 Mannheim
West Midlands	Germany
B70 7DX	

- ii. The use of alternative label materials.
- iii. The addition of a Datamatrix code on the label.



## SCHEDULE

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#### 14 DESCRIPTIVE DOCUMENTS

##### 14.1 Drawings

Refer to Certificate Annexe.

##### 14.2 Associated Sira Reports and Certificate History

Issue	Date	Report no.	Comment
0	19 December 2000	R53A7080A	The release of the prime certificate.
1	31 March 2008	R59A18027A	This Issue covers the following changes: <ul style="list-style-type: none"><li>All previously issued certification was rationalised into a single certificate, Issue 1, Issue 0 referenced above is only intended to reflect the history of the previous certification and has not been issued as a document in this format.</li><li>The introduction of Variation 1.</li></ul>
2	6 October 2008	R51A16981R3EB	The introduction of Variation 2.
3	17 August 2010	R22473A/R22474A	The introduction of Variation 3.
4	15th October 2019	2744	<ul style="list-style-type: none"><li>Transfer of certificate Sira 00ATEX3206 from Sira Certification Service to CSA Group Netherlands B.V..</li><li>EC Type-Examination Certificate in accordance with 94/9/EC updated to EU Type-Examination Certificate in accordance with Directive 2014/34/EU. <i>(In accordance with Article 41 of Directive 2014/34/EU, EC Type-Examination Certificates referring to 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></li></ul>

#### 15 SPECIAL CONDITIONS FOR SAFE USE (denoted by X after the certificate number)

None

#### 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 00ATEX3206  
**Equipment:** Type HVB 6.6 Junction Box  
**Applicant:** Pepperl+Fuchs GmbH

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## Issues 0 and 1

The drawings associated with these Issues were replaced by those listed in Issue 2

## Issue 2

Drawing	Sheets	Rev.	Date (Sira stamp)	Description
03C106	1 of 4	B	27 Mar 08	6.6 kV JUNCTION BOX – TYPE HVB 6.6
03C106	2 of 4	-	23 Nov 00	6.6 kV JUNCTION BOX – TYPE HVB 6.6
03C106	3 of 4	-	23 Nov 00	6.6 kV JUNCTION BOX – TYPE HVB 6.6
03C106	4 of 4	-	23 Nov 00	6.6 kV JUNCTION BOX – TYPE HVB 6.6
03C107	1 of 1	0	08 Oct 08	CERTIFICATION LABEL FOR TYPE HVB6.6 JUNCTION BOX

## Issue 3

Drawing	Sheets	Rev.	Date (Sira stamp)	Description
260-5412	1 of 1	-	17 Aug 10	Example certification label

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