



## EU-TYPE EXAMINATION CERTIFICATE

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

Certificate Number: **Sira 01ATEX1267** Issue: **1**

Equipment: **Type FPS24 Starter Motor**

Applicant: **Pyroban Limited**

Address: Endeavour Works  
Dolphin Road  
Shoreham-by-Sea  
West Sussex  
BN43 4QG

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 50014:1997 (amendments 1 & 2)  
EN 50018:2000

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.

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 2G  
IIB T5

Project Number 3418

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 01ATEX1267**  
**Issue 1**

#### 13 DESCRIPTION OF EQUIPMENT

The Type FPS24 Starter Motor Enclosure is rated at 12 Vd.c and up to 2.3 kW. The enclosure comprises a mild steel rear case and bolt-on aluminium end cover assembly, which houses a starter motor, solenoid and actuator assembly.

The output shaft passes through the end cover via a press-fit bronze (oilite) bush. Cabling to the equipment is by means of up to three threaded apertures in the enclosure wall for the fitting of suitably certified and dimensioned cable entry devices.

#### Design Options

Alternative end cover design to incorporate a roller bearing, outside the flamepath.

Alternative manufacture of the end cover in cast iron.

#### 14 DESCRIPTIVE DOCUMENTS

##### 14.1 Drawings

Refer to Certificate Annexe.

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

Issue	Date	Report number	Comment
0	31 <sup>st</sup> October 2002	R53A8455A	<ul style="list-style-type: none"><li>The release of the prime certificate.</li></ul>
1	31st October 2019	3418	<ul style="list-style-type: none"><li>Transfer of certificate <b>Sira 01ATEX1267</b> 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 01ATEX1267

**Equipment:** Type FPS24 Starter Motor

**Applicant:** Pyroban Limited

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### Issue 0

Drawing No.	Sheets	Rev.	Date	Title
C0284	1 of 1	6	08 Oct 02	Starter Motor

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