



1 **EU-TYPE EXAMINATION CERTIFICATE**

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

3 Certificate Number: **Sira 06ATEX3085X** Issue: **2**

4 Equipment: **Klik Lok Junction Boxes**

5 Applicant: **Pratley Manufacturing & Engineering**

6 Address: PO Box 3055  
Kenmare  
1745  
South Africa

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 60079-0:2004      IEC 61241-0:2004      EN 60079-7:2003      IEC 61241-1:2004

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:



II 2 G D  
Ex e II T6  
Ex tD A21 IP66/IP68 (2 m) T85°C

Project Number 3114

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 06ATEX3085X  
Issue 2

#### 13 DESCRIPTION OF EQUIPMENT

The Klik Lok range of junction boxes are manufactured in black, 30% glass reinforced, Polyamide 66 (PA66) with a lid manufactured from the same material or in clear polycarbonate. The junction boxes have a circular shape, with cable entry locations in the curved side wall. The entry points are available in various configurations. The lid is fitted with a nitrile rubber gasket and is attached and secured to the base by a locking mechanism, a retaining strap and by a cable tie.

Inside the enclosure, a terminal rail is fixed to the base with screws. Certified, rail mounted, Weidmüller terminals or Kwikblok terminals are fitted to the rail between partitions and end stops. The appropriate details of the Weidmüller and Kwikblok terminals are detailed in Tables 1 and 2 respectively.

Manufacturer	Terminal type	Max. current	Coding	Certificate number
Weidmüller	Type WDU 2.5	Limited to 15 A	EEx e II	KEMA 98ATEX1683U
Weidmüller	Type WDU 2.5 SL	Limited to 15 A	Ex e II	IECEX SIR 05.0040U

Kwikblok terminal type	Conductor size range	Max. current
IK3	0.5 to 4 mm <sup>2</sup>	15 A
IK5	0.5 to 6 mm <sup>2</sup>	21 A
IK10	0.5 to 10 mm <sup>2</sup>	37 A
IK16	0.5 to 16 mm <sup>2</sup>	47 A
IK25	10 to 25 mm <sup>2</sup>	63 A
IK50	16 to 50 mm <sup>2</sup>	98 A
IK70	25 to 95 mm <sup>2</sup>	121 A

Combinations of the terminals listed in Table 1 and 2 may be fitted, provided the maximum power dissipation in accordance with EN 60079-7 Annex E, E.2 does not exceed the values in Table 3:

Junction Box Type	Maximum rated power dissipation
1	4.4 W
2	5.8 W

Suitably certified cable entries or blanking plugs maintaining the ingress protection of the enclosure are to be fitted directly into the enclosure wall. There is a facility for the connection of an earthing or equipotential bonding conductor provided inside the main body by either an earth terminal block from one of the ranges as detailed in Table 1 or 2, an earth plate arrangement or via an earth stud.



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Issue 2

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

- i. The addition of the following component certified terminals to the Klik Lok Junction Boxes:

Manufacturer	Terminal Type	Coded	Certificate Number
Weidmüller	Type SAK K	Ex e II	IECEX SIR 05.0032U
Weidmüller	Type BK	Ex e II	IECEX SIR 05.0035U
Weidmüller	Type MK 3	Ex e II	IECEX SIR 05.0036U
Weidmüller	Type MK 6	Ex e II	IECEX SIR 05.0037U
Weidmüller	Type AKZ	Ex e II	IECEX SIR 05.0038U
Weidmüller	Type WDU 2.5/TC	Ex e II	IECEX SIR 05.0039U
Weidmüller	Type DK	Ex e II	IECEX SIR 05.0041U
Weidmüller	Type W Series	Ex e II	IECEX ULD 05.0008U
Weidmüller	Type Z Series	Ex e II	IECEX ULD 05.0009U
Weidmüller	Type SAK & EK	Ex e II	IECEX KEM 06.0014U
Weidmüller	Type PDU, PEI & PPE Series	Ex e II	IECEX KEM 05.0032U

## 14 DESCRIPTIVE DOCUMENTS

### 14.1 Drawings

Refer to Certificate Annexe.

### 14.2 Associated Sira Reports and Certificate History

Issue	Date	Report No.	Comment
0	2 <sup>nd</sup> August 2006	R51F13362A	The release of the prime certificate.
1	31 <sup>st</sup> March 2008	R51E16192A	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	29 <sup>th</sup> 15th October 2019	3114	<ul style="list-style-type: none"><li>Transfer of certificate <b>Sira 06ATEX3085X</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. (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.)</li></ul>



## SCHEDULE

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Issue 2

- 15 **SPECIAL CONDITIONS FOR SAFE USE** (denoted by X after the certificate number)
- 15.1 The Klik Lok junction boxes are only to be installed into areas of low mechanical danger.
- 15.2 When the clear polycarbonate lids are fitted the equipment is marked: WARNING STATIC HAZARD CLEAN WITH A DAMP CLOTH. Refer to the instruction manual for further advice on how to clean the equipment safely and prevent static charge build up.
- 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 06ATEX3085X

**Equipment:** Klik Lok Junction Boxes

**Applicant:** Pratley Manufacturing & Engineering

## Issue 0

Number	Sheet	Rev.	Date (Sira stamp)	Description
3570	1 of 1	-	28 Jul 07	Harness
3571	1 of 1	-	28 Jul 07	Klik Lok terminal rail
3572	1 of 1	A	28 Jul 07	Gasket
3573	1 of 1	C	28 Jul 07	Ex e body for No 1
3576	1 of 1	A	28 Jul 07	Klik Lok lid to base securing strap
3583 + 3625	2 of 2	-	28 Jul 07	Marking
3623	1 of 1	B	28 Jul 07	Ex e body for No 2
57272	1 of 1	-	28 Jul 07	Pratley Klik Lok box No 1 IPP66/68 c/w P/c lid
57273	1 of 1	B	28 Jul 07	Pratley Klik Lok box No 1 Ex e
57274	1 of 1	B	28 Jul 07	Pratley Klik Lok box No 1 c/w P/c lid
57276	1 of 1	B	28 Jul 07	Pratley Klik Lok box No 2 Ex e c/w p/c lid
EX 1098	1 of 1	-	28 Jul 07	Ex e Kwik-Bloks for No 1 box
EX 1099	1 of 1	-	28 Jul 07	Ex e Kwik-Bloks for No 2 box
EX1102	1 of 1	-	28 Jul 07	Alternative earthing options

## Issue 1

Drawing No	Sheet	Rev	Date (Sira Stamp)	Description
EX 1108	1 of 1	-	02 Nov 07	Ex e Terminals for Klik Lok Boxes

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