



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: **Sira 09ATEX2287X** Issue: **0**

4 Equipment: **IS-CP4A-**, IS-CP4B-** and BExCP5B-** Manual Call Points**

5 Applicant: **European Safety Systems**

6 Address: **Impress House
Mansell Road
Acton
London W3 7QH
UK**

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

8 Sira Certification Service, notified body number 0518 in accordance with Article 9 of Directive 94/9/EC of 23 March 1994, 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 60079-0:2009 EN 60079-11:2007 EN 60079-26:2007 EN 61241-1:2004

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

11 This EC 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:

IS-CP4A-**



II 1G2D
Ex ia IIC T6 Ga
Ex t IIIC T60°C Db
(-40°C ≤ Ta ≤ +55°C)

IS-CP4B-**



II 1G
Ex ia IIC T4 Ga
(-40°C ≤ Ta ≤ +55°C)

BExCP5B-**



II 2D
Ex t IIIC T70°C Db
(-40°C ≤ Ta ≤ +50°C)

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C Ellaby
Certification Officer



SCHEDULE

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13 DESCRIPTION OF EQUIPMENT

The equipment is a range of manual call points as described below:

Model	Protection concept	Description of enclosure	Enclosure contains	Mode of operation
IS-CP4A-BG	• or ,	Aluminium enclosure fitted with a glass window	A switch	Break glass
IS-CP4A-PB	• or ,	Aluminium enclosure fitted with a push button	A switch	Push button fitted with a spring-loaded cover that must be lifted before operating
IS-CP4A-PT	• or ,	Aluminium enclosure fitted with a push button	A switch	Push button fitted with a spring-loaded cover that must be lifted before operating, the push button can only be reset by a tool
IS-CP4B-BG	•	Aluminium enclosure fitted with a glass window	A switch and up to two resistors	Break glass
IS-CP4B-PB	•	Aluminium enclosure fitted with a push button	A switch and up to two resistors	Push button fitted with a spring-loaded cover that must be lifted before operating
IS-CP4B-PT	•	Aluminium enclosure fitted with a push button	A switch and up to two resistors	Push button fitted with a spring-loaded cover that must be lifted before operating, the push button can only be reset by a tool
BExCP5B-BG	,	Aluminium enclosure fitted with a glass window	A switch and up to two resistors	Break glass
BExCP5B-PB	,	Aluminium enclosure fitted with a push button	A switch and up to two resistors	Push button fitted with a spring-loaded cover that must be lifted before operating
BExCP5B-PT	,	Aluminium enclosure fitted with a push button	A switch and up to two resistors	Push button fitted with a spring-loaded cover that must be lifted before operating, the push button can only be reset by a tool

- Intrinsic Safety 'Ex ia' (Gases and Vapours) , Protection by Enclosure 'Ex t' (Dust)

In all cases, external connections are made via terminals mounted within the enclosure, the cables entering the enclosure via cable glands that are required to maintain the IP 66 protection of the enclosure. For 'Ex t' (dust) installations these cable glands are required to be suitably certified types.



SCHEDULE

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The following Intrinsic Safety Parameters/Ratings are applicable:

Model	Intrinsic Safety 'Ex ia' (Gases and Vapours)	Protection by Enclosure 'Ex t' (Dust)
IS-CP4A-BG	Ui = 30 V	AC Voltage 250 V Max., Current 5 A Max. DC Voltage 56 V Max., Current 1 A Max.
IS-CP4A-PB	li = 500 mA	
IS-CP4A-PT	Pi = 1.1 W	
IS-CP4B-BG	Ui = 30 V	Not Applicable
IS-CP4B-PB	li = 500 mA	
IS-CP4B-PT	Pi = 1.1 W	
BExCP5B-BG	Not Applicable	DC Voltage 56 V Max., Current 0.75 A Max. or DC Voltage 28 V Max., Current 1.0 A Max. or DC Voltage 15 V Max., Current 1.0 A Max. or DC Voltage 9 V Max., Current 1.0 A Max.
BExCP5B-PB		
BExCP5B-PT		

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report no.	Comment
0	16 March 2010	R18380A_00	The release of the prime certificate.

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

15.1 Plain holes are provided for M20 cable glands or blanking elements. All of these shall be fitted with either a cable gland or blanking element that is suitable for the application and maintains the IP 66 protection provided by the enclosure. For 'Ex t' (dust) installations the cable glands or blanking elements shall also be certified by a notified body.

15.2 When located in Zone 0, the installation of the equipment shall ensure that the equipment enclosure is protected from impact.

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.

17 CONDITIONS OF CERTIFICATION

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

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Sira Certification Service

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Certificate Annexe

Certificate Number: Sira 09ATEX2287X
Equipment: IS-CP4A-**, IS-CP4B-** and BExCP5B-**
Manual Call Points
Applicant: European Safety Systems



Issue 0

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
D150-10-950-SC	1 of 1	B	10 Mar 10	IS-CP4BG/PB/PT Call Point Insulated Resistor Drawing
D150-00-501-CD-SC	1 of 1	B	10 Mar 10	IS-CP4A, IS-CP4B & BExCP5B Call Point Circuit Operation Diagram
D150-00-501-SC	1 of 1	C	10 Mar 10	IS-CP4A-BG, IS-CP4B & BExCP5B-BG Manual Call Point Assembly
D150-99-501-SC	1 of 1	D	10 Mar 10	IS-CP4A, IS-CP4B & BExCP5B Label Drawings

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