IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification Scheme for Explosive Atmospheres
for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx SIR 09.0122X issue No.:0

Certificate history:

Status: **Current**

Date of Issue: **2010-03-22**

Applicant:
European Safety Systems
Impress House
Mansell Road
Acton
London W3 7QH
United Kingdom

Electrical Apparatus: **IS-CP4A-**, IS-CP4B-** and BExCP5B-** Manual Call Points**
Optional accessory:

Type of Protection: **Intrinsically Safe and Dust**

Marking:
IS-CP4A-**
Ex ia IIC T6 Ga
Ex t IIIC T60°C Db
(-40°C <= Ta <=+55°C)
IS-CP4B-**
Ex ia IIC T4 Ga
(-40°C <= Ta <= +55°C)
BExCP5B-**
Ex t IIIC T70°C Db
(-40°C <= Ta <=+50°C)

Approved for issue on behalf of the IECEx Certification Body: C Ellaby

Position: Certification Officer

Signature:
(for printed version)

Date: 2010-03-22

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.

Certificate issued by:
SIRA Certification Service
Rake Lane
Eccleston
Chester
CH4 9JN
United Kingdom

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Manufacturer:

European Safety
Impress House
Mansell Road
Acton
London W3 7QH
United Kingdom

Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:
The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-0 : 2007-10 Edition: 5	Explosive atmospheres - Part 0:Equipment - General requirements
IEC 60079-11 : 2006 Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-26 : 2006 Edition: 2	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
IEC 61241-1 : 2004 Edition: 1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:
A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

GB/SIR/ExTR10.0051/00

Quality Assessment Report:
GB/SIR/QAR06.0020/02

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Schedule

EQUIPMENT:
Equipment and systems covered by this certificate are as follows:

The equipment is a range of manual call points as described in DESCRIPTION (continued), 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.

CONDITIONS OF CERTIFICATION: YES as shown below:

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 be certified by a notified body.
2. When located in Zone 0, the equipment installation shall ensure that the equipment enclosure is protected from impact.

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EQUIPMENT(continued):

Model	Protection	Enclosure design	Mode of operation
IS-CP4A-BG	i) or ii)	Fitted with a glass window containing a switch	Break glass
IS-CP4A-PB	i) or ii)	Fitted with a push button containing a switch	Push button fitted with spring-loaded cover that must be lifted before operating
IS-CP4A-PT	i) or ii)	Fitted with a push button containing a switch	Push button fitted with spring-loaded cover that must be lifted before operating, the push button can only be reset by a tool
IS-CP4B-BG	i)	Fitted with glass window containing a switch and up to two resistors	Break glass
IS-CP4B-PB	i)	Fitted with push button containing a switch and up to two resistors	Push button fitted with spring-loaded cover that must be lifted before operating
IS-CP4B-PT	i)	Fitted with a push button containing a switch and up to two resistors	Push button fitted with spring-loaded cover that must be lifted before operating, the push button can only be reset by a tool
BExCP5B-BG	ii)	Fitted with glass window containing a switch and up to two resistors	Break glass
BExCP5B-PB	ii)	Fitted with push button containing a switch and up to two resistors	Push button fitted with spring-loaded cover that must be lifted before operating
BExCP5B-PT	ii)	Fitted with push button containing a switch and up to two resistors	Push button fitted with spring-loaded cover that must be lifted before operating, the push button can only be reset by a tool

i) Intrinsic Safety 'Ex ia' (Gas and Vapour) ii) Protection by Enclosure 'Ex t' (Dust)

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Additional information:

The following Intrinsic Safety Parameters/Ratings are applicable:

Model	Intrinsic Safety 'Ex ia' (Gas and Vapour)		Protection by Enclosure 'Ex t' (Dust)
IS-CP4A-BG	Ui = 30 V	Ci = 0	AC Voltage 250 V Max., Current 5 A Max.
IS-CP4A-PB	Ii = 500 mA	Li = 0	DC Voltage 56 V Max., Current 1 A Max.
IS-CP4A-PT	Pi = 1.1 W		
IS-CP4B-BG	Ui = 30 V	Ci = 0	Not Applicable
IS-CP4B-PB	Ii = 500 mA	Li = 0	
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			