

IECEx Certificate of Conformity

Certificate history: Issue No. 4 (2015-2-23) Issue No. 3 (2013-10- 31)						
Issue No. 4 (2013-2-23) Issue No. 3 (2013-10- 31)						
Issue No. 2 (2013-8-8) Issue No. 1 (2009-11-						
European Safety Systems Ltd Impress House Mansell Road Acton London W3 7QH United Kingdom						
Electrical Apparatus: IS-A105N and IS-D105 Sounders Optional accessory:						
Ex ia IIC T4 Ga (-40°C ≤ Ta ≤ +60°C)						
 This certificate and schedule may only be reproduced in full. This certificate is not transferable and remains the property of the issuing body. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website. 						
CSA Group						

IEC IECEX Certificate of Conformity					
Certificate No.:	IECEx SIR 04.0038X				
Date of Issue:	2015-02-23	Issue No.: 4			
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Manufacturer:	European Safety Systems Ltd Impress House Mansell Road Acton London W3 7QH United Kingdom				
Additional Manufacturing	location(s):				
This certificate is issued found to comply with the covered by this certificate certificate is granted sub as amended.	as verification that a sample(s), representative of IEC Standard list below and that the manufacture, was assessed and found to comply with the I ject to the conditions as set out in IECEx Schen	of production, was assessed and tested and arer's quality system, relating to the Ex products ECEx Quality system requirements. This ne Rules, IECEx 02 and Operational Documents			
STANDARDS: The electrical apparatus documents, was found to	and any acceptable variations to it specified in to comply with the following standards:	the schedule of this certificate and the identified			
IEC 60079-0 : 2011 Edition: 6.0	Explosive atmospheres - Part 0: General n	equirements			
IEC 60079-11 : 2011 Edition: 6.0	0079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i" a: 6.0				
IEC 60079-26 : 2014- 10 Edition: 3.0	Explosive atmospheres – Part 26: Equipm	ent with Equipment Protection Level (EPL) Ga			
This Certificate does	not indicate compliance with electrical safety ar expressly included in the Standards	nd performance requirements other than those listed above.			
TEST & ASSESSMENT A sample(s) of the equip	REPORTS: ment listed has successfully met the examination	on and test requirements as recorded in			
<u>Test Report:</u> GB/SIR/ExTR06.0033/00 GB/SIR/ExTR13.0281/00	GB/SIR/ExTR09.0189/00 GB/SIR/ExTR15.0022/00	GB/SIR/ExTR13.0136/00			
Quality Assessment Rep	<u>oort:</u>				
GB/SIR/QAR06.0020/00					

	CIEĆEx	IECEx Certificate		
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		Schedul	e	
UIPM uipmei	ENT: nt and systems cove	red by this certificate are as follows:		
onneci f the e ermin Ji = 28 = 93 r 2i = 660 Si = 0 i = 0	ssembly and an inde tions are made to ter nclosure. The equip als "+" w.r.t. "-" V nA 0 mW	minals mounted on the printed circu ment has the following parameters: Terr Ui = li = (niounted in an in oo, nume related in 760. External ninals "S2" and "S3" w.r.t. Terminal "-" 28 V 0	
	ONS OF CERTIFIC	TION: VES as shown below:		
1.	The equipment s maximum open ≤93 mA, where I	thall only be supplied via Termina circuit voltage Uo that is ≤28 V a o is resistively limited. The barri	als + w.r.t. Terminals – from a barrier having a and a maximum short circuit current lo that is er shall be ATEX certified by a notified body.	
1. 2. 3.	The equipment s maximum open of ≤93 mA, where I The total capacitant other capacitant The enclosure of level of electrost equipment is not cause a build-up	ance connected to the supplied via Termina circuit voltage Uo that is ≤28 V a o is resistively limited. The barri ance connected to terminals + w e) shall not exceed 83 nF. i the IS-A105N Sounder is non-co atic charges under certain extrem installed in a location where it m of electrostatic charges on non-co the done only with a damp cloth	als + w.r.t. Terminals – from a barrier having a and a maximum short circuit current lo that is er shall be ATEX certified by a notified body. rt – (i.e. the capacitance of the cable plus any onducting and may generate an ignition-capable ne conditions. The user should ensure that the ay be subjected to external conditions that might conducting surfaces, additionally, cleaning of the	
1. 2. 3.	The equipment s maximum open ≤93 mA, where I The total capacit other capacitant The enclosure of level of electrost equipment is not cause a build-up equipment shoul The equipment shoul	shall only be supplied via Termina circuit voltage Uo that is ≤28 V a o is resistively limited. The barri ance connected to terminals + w e) shall not exceed 83 nF. f the IS-A105N Sounder is non-co atic charges under certain extrem installed in a location where it m of electrostatic charges on non-c d be done only with a damp cloth ias an ingress protection rating o ie, then the user shall ensure tha	als + w.r.t. Terminals – from a barrier having a and a maximum short circuit current lo that is er shall be ATEX certified by a notified body. rt – (i.e. the capacitance of the cable plus any onducting and may generate an ignition-capable ne conditions. The user should ensure that the ay be subjected to external conditions that might conducting surfaces, additionally, cleaning of the I. f IP66; however, if it has been supplied without a t the device that is fitted will provide an ingress number it is installed if a JP20 er better	

	IECE: of C	x Certificate conformity
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DETAILS OF CERTIFICAT	E CHANGES (for issues 1 and above	»):
Issue 1 - this Issue intr	oduced the following change:	
1. Following ap standards, th 60079-11:19 accordingly.	propriate re-assessment to demonstrate documents originally listed in section 99 Edition 4, were replaced by those	ate compliance with the requirements of the latest on 9, IEC 60079-0:2000 Edition 3.1 and IEC currently listed, the markings were updated
Issue 2 - this Issue intr	oduced the following change:	
1. The use of a was approve	cast aluminium enclosure material an d. The conditions of Certification are a	d an alternative to the existing plastic material amended to reflect this change.
Issue 3 - this Issue intr	oduced the following changes:	
1. It was clarifie the certificat original mode parameters a Description of	ed that the cast aluminium enclosure of e are known as the model IS-D105 Sc el IS-A105N which has a plastic enclos applied to IS-D105 are the same as th f Equipment, however, to account for	versions that were first recognised in Issue 2 of bunder thereby differentiating them from the sure; it should be noted that the safety lat for the IS-A105N as specified in the the new model, the Conditions of Certification
were reviewe	a and revised accordingly,	
1. Following ap the documen 60079-26:20	oropriate assessment to demonstrate ts previously listed, IEC 60079-0:200 06 were replaced by IEC 60079-0:20	compliance with the latest technical knowledge, 4 Ed 4.0, IEC 60079-11:2006 Ed 5.0 and IEC 11 Ed 6, IEC 60079-11:2011 Ed 6 and IEC 60079-