



1 **EC TYPE-EXAMINATION CERTIFICATE**

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

3 Certificate Number: Sira 00ATEX3027U

4 Component: E600/E700 Series Enclosures

5 Applicant: Walsall Ltd

6 Address: Cornwallis Road
West Bromwich
West Midlands
B70 7DX
UK

7 This component 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 component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of component intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report number R51X6418A, 53V7819, R53A9313A and R53A9491A.

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 50014:1997 (A1 to A2)

EN 50019:2000

EN 50281-1-1:1998 (A1)

10 The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any special conditions for safe use are listed in the schedule to this certificate.

11 This EC type-examination certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

12 The marking of the component shall include the following:



II 2 G D
EEx e II

Project Number 53V10200
Date 15 March 2000
Re-issued 11 April 2003
C. Index 04

C Ellaby
Certification Officer

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Sira Certification Service

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SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 00ATEX3027U

Re-issued 11 April 03

To permit the rationalisation of the certificate and the incorporation of variation 1 dated 16 May 2001, variation 2 dated 16 August 2002 and variation 3 dated 25 February 2003.

13 **DESCRIPTION OF COMPONENT**

This certificate covers a range of stainless steel or zintec steel enclosures manufactured in various sizes. The enclosures provide ingress protection of IP66/67, and are of a suitable physical construction to meet the requirements of increased safety. The enclosure sizes are:

Size Reference	Length (mm)	Width (mm)	Height (mm)
0	110	110	65
1	143	143	93
2	193	193	93
2A	193	193	186
3	168	218	130
3A	168	218	210
3B	218	377	156
3C	218	377	210
4	377	377	156
4A	377	377	210
5	527	427	156
5B	527	527	156
5C	527	527	210
6	827	577	156

Size Reference	Length (mm)	Width (mm)	Height (mm)
6A	827	577	210
6B	827	577	300
7	977	677	208
7A	977	677	156
7B	977	677	300
8	1177	777	156
8A	1177	777	210
8B	1177	777	300
10	229	152	133
11	306	306	153
12	458	382	153
12A	480	480	153
13	762	508	153
14	914	610	203

14 **DESCRIPTIVE DOCUMENTS**

14.1 Drawings

Drawing No.	Sheet	Rev.	Date	Title
E6700/NB/01*	1 of 1	-	26 Nov 02	Enclosures – Size 1 to 7
E6700/NB/02	1 of 1	-	12 Dec 02	Alternative Enclosure – Size 3
E6700/NB/03*	1 of 1	-	25 Nov 02	Additional Sizes of Enclosure
E6700/NB/04	1 of 1	-	10 Jan 03	Enclosure – Size 4 – 4 off Special
E6700/NB/05	1 of 1	-	10 Jan 03	Enclosure – Size 5 – 4 off Special
E6700/NB/06	1 of 1	-	10 Jan 03	Enclosure – Size 6 – 4 off Special
E6700/NB/07	1 of 1	-	10 Jan 03	Enclosure – Size 7 – 4 off Special
E6700/NB/08	1 of 1	-	11 Jan 03	Alternative Cover and Hinge
E6700/NB/09	1 of 1	-	11 Jan 03	Alternative Foot Details for Sizes 3B – 8B
E6700/NB/09	2 of 2	-	11 Jan 03	Alternative Foot Details for Sizes 3B – 8B
E6700/NB/10	1 of 1	-	11 Jan 03	Alternative Foot & Earth Details for Size 3
E6700/NB/11	1 of 1	-	11 Jan 03	Document Wallet Mounting – Inside Lid – Sizes 4 to 8

Date 15 March 2000

Re-issued 11 April 03

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SCHEDULE

EC TYPE-EXAMINATION CERTIFICATE

Sira 00ATEX3027U

Drawing No.	Sheet	Rev.	Date	Title
E6700/NB/12	1 of 1	-	11 Jan 03	Neutral & Earth Busbar Arrangements
E6700/NB/13	1 of 1	-	12 Jan 03	EEx e Label – Sizes 1 to 8
E6700/NB/14	1 of 1	-	12 Jan 03	EEx ia Label – Sizes 1 to 8
E6700/NB/16	1 of 1	-	12 Jan 03	EEx ed Label
E6700/NB/18*	1 of 1	-	11 Jan 03	Additional Enclosure Sizes 10 – 12A
E6700/NB/18*	2 of 2	-	11 Jan 03	Additional Enclosure Sizes 13 - 14
E6700/NB/19	1 of 1	-	11 Jan 03	Earth Stud Fixed to Gland Plate – Sizes 10 - 14
E6700/NB/20	1 of 1	-	11 Jan 03	Alternative Hinge Arrangement
E6700/NB/25	1 of 1	-	29 Jan 03	Spacing Bush Arrangement

* These drawings were amended by Sira on 24 February 2003

14.2 Report Nos. R51X6418A, 53V7819, R53A9313A and R53A9491A

15 SPECIAL CONDITIONS FOR SAFE USE

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 Report Nos. R51X6418A, and R53A9491A.

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.

17.3 When an enclosure is manufactured to an intermediate size that is not recognised as a standard size in the tables associated with this certification, then any given dimension shall not be larger than the respective dimension of the largest enclosure or smaller than the respective dimension of the smallest enclosure.

17.4 The specific "power limits" stated on the manufacturing drawings are not relevant to these enclosures and shall not be applied to them.

Date 15 March 2000
Re-issued 11 April 03

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EC TYPE-EXAMINATION CERTIFICATE VARIATION

CERTIFICATE NUMBER	Sira 00ATEX3027U	Dated	15 March 2000
		Re-issued	11 April 2003
		Re-issued	09 June 2003
VARIATION NUMBER	1 (ONE)	Dated	18 July 2003

VARIATION TO COMPONENT

To permit:

- 1 Optional replacement of the main enclosure earth connection. This arrangement is limited to an ambient temperature range of -40°C to 85°C (T6).

DESCRIPTIVE DOCUMENTS

Number	Sheet	Rev	Date	Description
E6700/NB/21	1 of 1	-	17 Feb 03	Alternative Main Earth Arrangement

ADDITIONAL CONDITIONS OF CERTIFICATION

- 17.8 The first nut on the opposite side of the enclosure to the seal shall be tightened onto a clean dry surface to provide a good enclosure earth contact and IP66/67 seal.

File No 53A10485

Report No. R53A10485A

M D Shearman
Certification Manager

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EC TYPE-EXAMINATION CERTIFICATE VARIATION

CERTIFICATE NUMBER Sira 00ATEX3027U Dated 15 March 2000
Re-issued 11 April 2003
Re-issued 09 June 2003

VARIATION NUMBER 2 (TWO) Dated 22 November 2004

VARIATION TO COMPONENT

To permit:

- 1 The label to include IP66, IP67, IP68 marking, reflecting successful testing.

DESCRIPTIVE DOCUMENTS

Number	Sheet	Rev	Date	Description
E6700/NB/15	1 of 1	A	22 Nov 04	Label for component boxes

M D Shearman
General Manager

File No 53V11444

Report No. R53V11444A

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