



1. **EC-TYPE EXAMINATION CERTIFICATE**
2. **Equipment or Protective System Intended for use in
Potentially explosive atmospheres
Directive 94/9/EC**
3. Reference: **VTT 08 ATEX 055U Issue 2**
4. Component: **Empty enclosures**

Certified types: **ALX and ALCX**
5. Applicant **Fibox Oy Ab
Keilaranta 19
FI-02150 Espoo
Finland**
6. Manufactured by: **Fibox GmbH
Rehwinkel 30
32457 Porta Westfalica
Germany**

**Fibox Tested Systems Oy
Hovinpelto 2
FI-74700 Kiuruvesi
Finland**

**Fibox Sp.z o.o.
ul. Dzieciola 19
04-988 Warsaw
Poland**
7. This component and any acceptable variations thereto are specified in the schedule and possible supplements to this Certificate and the documents therein referred to.



8. VTT Expert Services Ltd, notified body number 0537, in accordance with Article 9 of the Council Directive 94/9/EC of 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 equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in confidential reports nos. VTT-S-07102-08 and VTT-S-02887-12.

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0 (2012)
EN 60079-7 (2007)
EN 60079-31 (2009)

10. The sign "U" after the certificate number indicates that this Certificate is a component certificate and it may be used as a base for a complete certification of the electrical equipments.

11. This EC-Type examination certificate relates only to the design, examination and tests of the specified component in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.

12. The marking of the component shall include the following:



II 2 G
II 2 D

Ex e IIC Gb
Ex tb IIIC Db

Espoo, 17.4.2012

VTT Expert Services Ltd



Martti Siirola
Senior Expert



Risto Sulonen
Product Manager

13. **Schedule**

14. **EC-TYPE EXAMINATION CERTIFICATE VTT 08 ATEX 055U Issue 2**

15. Description of Component

Enclosures, Types ALX... and ALCX..., for fixed installation, made of aluminium.

Construction

The construction of the enclosures is specified in the following drawings and documents:

ALX:

Drawing no.	Signed
28508	29.03.1999
28603 A	03.06.2003
29801 B	26.11.1999
YLO-035 B	24.05.2003
1T-28512 A	18.03.2002
1T-28500A)	
1T-28502)	
1T-28504)	
1T-28506)	
1T-28509)	
1T-28510)	
1T-28514)	
1T-28516)	29.03.1999
1T-28518)	
1T-28520)	
1T-28522A)	
1T-28524)	
2T-28501A)	
2T-28503A)	
2T-28517)	
2T-28523)	

ALCX

ALC 081306 Base; drawing nro 28561 Ver A1
ALC 081806 Base; drawing nro 28562 Ver A1
ALC 122208 Base; drawing nro 28563 Ver A1
ALC 161609 Base; drawing nro 28564 Ver A1
ALC 162609 Base; drawing nro 28565 Ver A1

