Certificate No.:
0845 – CPD–232.1603

EC-CERTIFICATE OF CONFORMITY

Issued by Danish Institute of Fire and Security Technology. Notified body No. 0845

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive – CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product(s)

SECURE detector type FEOE2000-SQR — Smoke detector with output for LED

for applications related to automatic fire alarm systems

placed on the market by
GLT Export Ltd
72-78 Morfa Road
Swansea
U.K. SA1 2EN

and produced in the factory 232.1603

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body Danish Institute of Fire and Security Tecnology (*Dansk Brand- og sikringsteknisk Institut*) has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all the provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

EN 54-7:2000 — Fire detection and fire alarm systems - Part 7: Smoke detectors
Point detectors using scattered light, transmitted light or ionization

were applied and that the product fulfils all the prescribed requirements.

The attached 3 annexes forms part of this certificate.

This certificate was first issued on 2007-02-16 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC it selves are not modified significantly.

Annex: 1

Certificate no.: 0845-CPD-232.1603

Date: 2007-02-16

OMFANG / *EXTENT*

Type	Description	For systems: Certificate no. for system parts
FEOE2000-SQR	Smoke detector optical, with output to LED	
P/N 772912	2 wire base for detectors	
P/N 774912	4 wire base for detectors	
P/N 882912	2 wire base for detectors (high version)	
P/N 884912	4 wire base for detectors (high version)	

Annex:2

Certificate no.: 0845-CPD-232.1603

Date: 2007-02-16

TEST DOCUMENTATION

Accredited laboratory	Report no.	Date
DELTA *Danish Electronics,* *Light & Acoustics* Venlighedsvej 4 2970 Hørsholm Denmark	DANAK-199728 Project no.: E810164-2	2004.06.04
DELTA	Statement concerning alternative base for detectors	2004-09-03

Annex:: 3

Certificate no.: 0845-CPD-232.1603

Date: 2007-02-16

TECHNICAL BASIS

Designation	Identification
Installation diagram	SECURE addressable detector base Dated by DBI: 2007-02-16/HSA
Guide	SECURE Secure Detector Addressing 39214-202/Draft D
Manual:	NB338 Photoelectric Smoke Detector Installation Wiring Diagram NB 338-33807001, version 1.0, date 2004.01.12
Diagrams	NB 338-2 circuit, NR416S-33801001, version 1.0, date 2004.01.10 NB 338-2L circuit, NR416S-33801003, version 1.0, date 2004.01.10 NB 338-4-12 circuit, NR416S-33801005, version B, date 2004.04.30 NB 338-4-24 circuit, NR416S-33801006, version B, date 2004.04.30
Bill of materials Schematic	NB 338-2 BOM, NR416S-33804001, version 2.0, date 2004.05.26 NB 338-2L BOM, NR416S-33804003, version 2.1, date 2004.05.26 NB 338-4-12 BOM, NR416S-33804005, version 2.1, date 2004.05.26 NB 338-4-24 BOM, NR416S-33804006, version 2.1, date 2004.05.26
PCB Layout	NB 338-2 Silkscreen overlay, NR416S-33803023, version 1.2, date 2004.05.26 NB 338-2L Silkscreen overlay, NR416S-33803025, version 1.2, date 2004.05.26 NB 338-4(12V,24V)Silkscreen ov. NR416S-33803027, version 1.2, date 2004.05.26
Mechanical assembly	NB 338-2, 2l, 4-12, 4-24, NR416S-33802019, version 2.0, date 2004.05.26

Annex:: 3

Certificate no.: 0845-CPD-232.1603

Date: 2007-02-16

TECHNICAL BASIS continued

Designation	Identification
Mechanical drawings	NB 338 Front cover NR416S-33802001, version 2.0, date 2004.05.26 NB 338 Heat front cover NR416S-33802002, version 2.0, date 2004.05.26 NB 338 Bottom casing NR416S-33802003, version 2.0, date 2004.05.26 NB 338 Base Casing NR416S-33802004, version 1.0, date 2004.01.10 NB 338 Chamber lid NR416S-33802006, version 1.0, date 2004.04.10 NB 338 Chamber botton NR416S-3380207, version 1.0, date 2004.01.10 NB 338 Chamb. LED hold. NR416S-33802008, vers. 1.0, date 2004.01.10 NB 338 Heat guard NR416S-33802009, version 1.0, date 2004.01.10 NB 338 Heat holder NR416S-33802010, version 1.0, date 2004.01.10 NB 338 Base shim 1 NR416S-33802011, version 1.0, date 2004.01.10 NB 338 Base shim 2 NR416S-33802012, version 1.0, date 2004.01.10 NB 338 Base shim 3 NR416S-33802013, version 1.0, date 2004.01.10 NB 338 Base shim 4 NR416S-33802014, version 1.0, date 2004.01.10 NB 338 Base shim 5 NR416S-33802015, version 1.0, date 2004.01.10 NB 338 Base shim 6 NR416S-33802016, version 1.0, date 2004.01.10 NB 338, 323 High base casing NR416S-88X912, v. 1.0, date 2004.10.21 NB 338 Photodiode iron cover 7 NR416S-33802014, version 1.0, date 2004.01.10
Label	SECURE FEOE2000-SQR Optical smoke detector 0845 –CPD – 232.1603 Dated by DBI: 2007-02-16/HSA