



Certificate No.:

0845 – CPD–232.1482

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 products

GFE-AD-H	Analogue addressable heat detector	Addressable by dip-switch
GFE-AD-H-LED	Analogue addressable heat detector with output for LED	Addressable by dip-switch
GFE-AA-H	Analogue addressable heat detector	Addressable by hand-held programmable devices
GFE-AA-H-LED	Analogue addressable heat detector with output for LED	Addressable by hand-held programmable devices

for applications related to automatic fire alarm systems

placed on the market by

Global Fire Equipment S.A.

M.A.R.F. – Sitio Guelhim,
Armazén F3 & F4
Caixa Postal 1-M,
8009-021, Faro
Portugal

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 Technology (*Dansk Brand- og sikringsteknisk Institut*) has performed the initial type-testing for the relevant characteristics of the products, 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

EN54-5:2000 Fire detection and fire alarm systems – Part 5:
Heat detectors – Point detectors

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

The attached 3 annexes forms part of this certificate.

This certificate was first issued on 2009-03-10 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.

This version certificate supersedes version issued 2005-06-20.

DBI – Danish Institute of Fire and Security Technology

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OMFANG / EXTENT

Type <i>Type</i>	Beskrivelse <i>Description</i>	For systemer: Systemdelens certifikatnr. <i>For systems: Certificate no. for system parts</i>
GFE-AD-H	Analogue addressable heat detector	Addressable by dip-switch
GFE-AD-H-LED	Analogue addressable heat detector with output for LED	Addressable by dip-switch
GFE-AA-H	Analogue addressable heat detector	Addressable by hand-held programmable devices
GFE-AA-H-LED	Analogue addressable heat detector with output for LED	Addressable by hand-held programmable devices

Bilag / *Annex:2*

Certifikat nr./ *Certificate no.:* 232.1482

Dato / *Date:* 2009-03-10

PRØVNINGS-DOKUMENTATION / TEST DOCUMENTATION

Akkediteret Laboratorium <i>Accredited laboratory</i>	Rapport nr. <i>Report no.</i>	Dato <i>Date</i>
DELTA	DANAK-199748	2005-04-21

Bilag / Annex: 3

Certifikat nr./Certificate no.: 232.1480

Dato / Date: 2009-03-10

TEKNISK GRUNDLAG / TECHNICAL BASIS

File Number	Title	Version	Pages	Date
RD06I-35801	NB358 USER'S MANUAL	1.0	2	2004-08-06
RD06I-35801M	NB358 SERIES ADDRESSING GUIDE	1.0	1	2005-04-28
RD06K-35801	NB358 HAND DEVICE MANUAL	1.0	2	2004-08-06
RD06G-358	NB358 CIRCUIT PRINCIPLES	1.0	3	2004-08-06
RD06M-35801A	NB358 MAIN FLOW	1.0	2	2004-08-06
RD06P-35801A	NB358 MEMORY AREAS DESCRIPTION	1.0	1	2004-08-06
RD06O-35801A	NB358 PRODUCTION FLOW	1.0	1	2004-08-06
	NB358 SERIES MODEL LIST		1	
RD06P-35801M	NB358 SERIES DETECTOR LABELS	3.0	1	2005-04-18
RD06A-35801C	NB358D-H-LED CIRCUIT	1.0	1	2004-07-06
RD06A-35801F	NB358D-H CIRCUIT	1.0	1	2004-07-06
RD06A-35801I	NB358A-H-LED CIRCUIT	1.0	1	2004-07-06
RD06A-35801L	NB358A-H CIRCUIT	1.0	1	2004-07-06
RD06E-35805A	Top LAYER of NB358 Series PCB Drawing	1.0	1	2004-08-06
RD06E-35805B	Bottom LAYER of NB358 Series PCB Drawing	1.0	1	2004-08-06
RD06E-35805C	Mechanical layer of NB358 series PCB drawing	1.0	1	2004-08-06
RD06E-35801C	NB358D-H-LED COMPONENT LOCATION	1.0	1	2004-08-06
RD06E-35801I	NB358A-H-LED COMPONENT LOCATION	1.0	1	2004-08-06
RD06E-35801L	NB358A-H COMPONENT LOCATION	1.0	1	2004-08-06
RD06E-35801F	NB358D-H COMPONENT LOCATION	1.0	1	2004-08-06
RD06F-35801C	NB358D-H-LED BOM	2.0	2	2005-04-27

Bilag / Annex: 3

Certifikat nr./Certificate no.: 232.1480

Dato / Date: 2009-03-10

TEKNISK GRUNDLAG / TECHNICAL BASIS

File Number	Title	Version	Pages	Date
RD06F-35801F	NB358D-H BOM	2.0	2	2005-04-27
RD06F-35801I	NB358A-H-LED BOM	1.0	2	2004-08-06
RD06F-35801L	NB358A-H BOM	1.0	2	2004-08-06
RD06D-35800B	NB358D-H Mechanical Assembly	1.0	1	2004-06-01
RD06D-35800E	NB358D-H-LED Mechanical Assembly	1.0	1	2004-06-01
RD06D-35800H	NB358A-H Mechanical Assembly	1.0	1	2004-06-01
RD06D-35800K	NB358A-H-LED Mechanical Assembly	1.0	1	2004-06-01
RD06C-35802A	NB358D SERIAL BOTTOM CASING	1.0	1	2004-06-01
RD06C-35802B	NB358A SERIAL BOTTOM CASING	1.0	1	2004-06-01
RD06C-35803A	NB358H,S SERIAL FRONT COVER	1.0	1	2004-06-01
RD06C-35803B	NB358SH SERIAL FRONT COVER	1.0	1	2004-06-01
RD06C-35807A	NB358 SERIAL CHAMBER DOWNCOVER	1.0	1	2004-06-01
RD06C-35808A	NB358A SERIAL CHAMBER LID	1.0	1	2004-06-01
RD06C-35801A	NB358-H SERIAL HEAT GUIDER	1.0	1	2004-06-01
RD06C-35805A	NB358 SERIAL THERMISTOR HOLDER	1.0	1	2004-06-01
RD06D-35806A	NB358 SERIAL VANE GUARD	1.0	1	2004-06-01
RD06C-35817A	NB358 SERIAL SHIM5	1.0	1	2004-06-01
RD06C-35816A	NB358 SERIAL SHIM6	1.0	1	2004-06-01
RD06C-35815A	NB358 SERIAL SHIM3	1.0	1	2004-06-01
RD06C-35814A	NB358 SERIAL CLIP	1.0	1	2004-06-01
RD06C-35813A	NB358 SERIAL SHIM2	1.0	1	2004-06-01
RD06C-35812A	NB358 SERIAL SHIM1	1.0	1	2004-06-01
RD06C-35811A	NB358 SERIAL SHIM7	1.0	1	2004-06-01
RD06C-35804A	NB358 SERIAL BASE	1.0	1	2004-06-01

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TEKNISK GRUNDLAG / TECHNICAL BASIS

File Number	Title	Version	Pages	Date
RD06E-35801A	NB358 TECHNICAL BULLETN	1.0	13	2004-07-06
RD06P-35801K	Response to slowly developing fires	1.0	2	2005-4-02
RD06P-35801N	Additional Description Of Response To Slowly Developing Fires of NB358	1.0	3	2005-04-18
RD06P-35801A	NB358 series program flow description	1.0	2	2004-08-06
RD06P-35801B	Interaction of software and hardware in NB358	1.0	1	2005-03-12
RD06P-35801C	NB358 Series Memory Areas Description	2.0	4	2005-03-12
RD06P-35801D	NB358 Software Version Description	2.0	1	2005-04-18
RD06P-35801E	A Description Of Each Module In NB358	1.0	1	2005-03-12
RD06P-35801F	Details Of Software Tools Used In NB358 Design	1.0	1	2005-03-12
RD06P-35801G	Software Design Of NB358	1.0	1	2005-03-12
RD06P-35801H	The Storage of Programs And Data	1.0	1	2005-03-12
RD06P-35801I	Source code of NB358 series detectors	1.0	9	2005-04-02
RD06P-35801J	NB358 Series Memory Areas Description 2	1.0	18	2005-04-14
RD06P-35801L	NB358 series interrupt program diagram	1.0	1	2005-04-14