

0845 – CPD–232.1646

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)

100DP	Two-wire smoke detector
100DPL	Two-wire smoke detector with output for LED
100DPR1	Four-wire smoke detector with 12V relay
100DPR2	Four-wire smoke detector with 24V relay

for applications related to automatic fire alarm systems

placed on the market by

**DIGITAL SECURITY CONTROLS, A DIVISION OF
TYCO SAFETY PRODUCTS CANADA LTD
95 Bridgeland Avenue,
Toronto, Ontario,
Canada M6A 1Y7**

and produced in the factory

232.1646

is(are) 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 Dansk Brand- og sikringsteknisk Institut (*DBI - Danish Institute of Fire and Security Technology*) has performed the initial type-testing for the relevant characteristics of the product(s), 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.

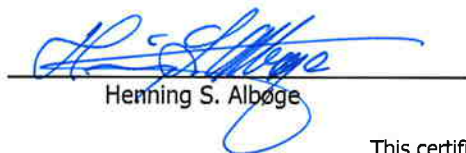
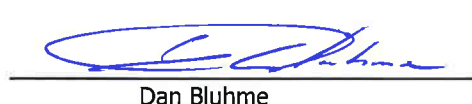
This certificate attests that all the provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard

EN54-7:2000 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(s) fulfils all the prescribed requirements.

The attached 3 annexes forms part of this certificate.

This certificate was first issued on 2008-09-01 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.


Henning S. Albøge
Dan Bluhme

This certificate supersedes certificate issued 2008-08-20

DBI – Dansk Brand- og sikringsteknisk Institut / Danish Institute of Fire and Security Technology

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Annex: 1

Certificate no.: 0845 – CPD–232.1646

Date: 2008-09-01

EXTENT

TYPE	DESCRIPTION
100DP	Two-wire smoke detector
100DPL	Two-wire smoke detector with output for LED
100DPR1	Four-wire smoke detector with 12V relay
100DPR2	Four-wire smoke detector with 24V relay
P/N 772912	2 wire base for detectors
P/N 774912	4 wire base for detectors

*Annex: 2**Certificate no.:* 0845 – CPD–232.1646*Date:* 2008-09-01**TEST DOCUMENTATION**

Accredited laboratory	Report no.	Date
DELTA <i>Danish Electronics, Light & Acoustics</i> Venlighedsvej 4 2970 Hørsholm Denmark	DANAK-199728 Project no.: E810164-2	2004.06.04
DELTA	Statement concerning alternative base for detectors	2004-09-03
DBI	Letter to Wizmart, with result of comment form DELTA to modifications of resistor R48 (Only for detector with output for LED) (Filed in XAL: CS11108)	2008-08-15

TECHNICAL BASIS

File Number	Title
Information	Wizmart Technology Inc. Technical Bulletin Wizmart NB338 Series 2-Wire/4-Wire Photoelectric Smoke and Heat Detector NR416S-33805001, version 1.0, date 2004.01.12
Manual:	NB338 Photoelectric Smoke Detector Installation Wiring Diagram NB 338-33807001, version 1.0, date 2004.01.12
DSC Guide	100DP, 100DPL, 100DPR1, DPR2, ISTISD22100DPL 0.0 250608 Photoelectric smoke detectors
Diagrams	NB 338-2 circuit, NR416S-33801001, version 1.0, date 2004.01.10 NB 338-2L circuit, NR416S-33821003, version 1.0, date 2008.8.19 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, NB3382-2L001, Version 1.0, Date 2008.8.19 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

TECHNICAL BASIS

File Number	Title
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
Labels	Copies of labels filed at DBI, signed "HSA 2008-08-18": 100DP, 100DPL, 100DPR1 and 100DPR2