

**SHJ Elektronik
Herringvej 258
DK-9220 Aalborg Øst**

Certifikat nr.
Certificate no.

212.504

har på baggrund af vurderede typeegenskaber baseret på typeprøvningsrapport(er) for overensstemmelse mellem produktbeskrivelse og gældende specifikationer i produktstandarder og/eller andre normative dokumenter opnået dette overensstemmelses-certifikat for
has achieved this certificate of conformity based on evaluation of type approval test report(s) for conformity between the product specifications and the requirements in product standards and/or other normative documents for the product

NOXSYSTEMS

**Kontrol- og indikeringsudstyr
Sikringsklasse: 3, Miljøklasse: I**

**Control and Indicating Equipment
Security grade: 3, Environmental class: I**

til anvendelse i automatiske brandalarmanlæg.
to be used in automatic fire detection and alarm systems.

Certifikatet tilkendegiver overensstemmelse med kravene i følgende standarder og/eller normative dokumenter:
The certificate signifies compliance with the requirements in the following standards and/or normative documents:

CLC/TS 50131-3	Alarm systems, Intrusion systems, Part 3: Control and indicating equipment, July 2003
EN 50131-6	Alarm systems, Intrusion systems, Part 6: Power Supplies, September 1997
EN 50130-4	Alarm systems, Part 4: EMC immunity, 1995 + A1:1998
EN 50130-5	Alarm systems, Part 5: Environmental test methods, December 1998
EN 61000-6-2	EMC – Immunity, 2001
EN 61000-6-3	EMC – Emission, 2001
EN 60950-1:2001, A11:2004	First edition. Electrical safety testing of intruder alarm system.

Certifikatet bekræfter at alarmudstyr er i overensstemmelse med de tekniske standarder og specifikationer listet i annex 4 i dette certifikat.
The certificate signifies that the state alarm equipment complies with the technical standards and specifications listed in annex 4 of this certificate.

Certifikatet er kun gældende så længe produktet er i overensstemmelse med ovennævnte, samt kravene i certificeringsordningen.
The certificate is only valid as long as the product is in conformity with the above mentioned and the requirements of the certification system.

Samlet sideantal / Total no. of pages: 5

Udstedt / Issued: 2011-06-23

(The certificate supersedes the previous version of this certificate, issued 2008-09-01.)



Merete Poulsen



Dan Bluhme

Bilag / *Annex*: 1

Certifikat nr./*Certificate no.*: 212.504

Dato / *Date*: 2011-06-20

OMFANG / EXTENT

Type Type	Beskrivelse Description	For systemer: Systemdelens certifikatnr. <i>For systems:</i> <i>Certificate no. for system parts</i>
NOXSYSTEMS® Sikringsklasse <i>Security grade</i> Miljøklasse <i>Environmental grade</i>	Kontrol- og indikeringsudstyr for automatiske indbrudsalarm-anlæg <i>Control and Indicating Equipment for automatic intruder alarm systems.</i> 3 1	

Side/*page* 3 af 5Bilag / *Annex*:2Certifikat nr./*Certificate no.*: 212.504Dato / *Date*: 2011-06-20**PRØVNINGS-DOKUMENTATION / TEST DOCUMENTATION**

Akkediteret Laboratorium	Rapport nr. <i>Report no.</i>	Dato
Accredited laboratory		Date
Swedish National Testing and Research Institute (SP)	P502878:A	2006-03-20
Swedish National Testing and Research Institute (SP)	P502878:B	2006-07-07
Swedish National Testing and Research Institute (SP)	P502878:C	2006-07-04
Swedish National Testing and Research Institute (SP)	P502878:D	2006-12-01
Swedish National Testing and Research Institute (SP)	P502878:01	2006-05-05
Siemens Switzerland Ltd. Test Laboratory	PB PST 1311, Revision 2	2005-06-10

DBI – Danish Institute of Fire and Security Technology

Jernholmen 12, 2650 Hvidovre
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E-mail: dbi@dbi-net.dk
www.dbi-net.dk

TEKNISK GRUNDLAG / TECHNICAL BASIS

Betegnelse Designation	Identifikation Identification	Dato Date
Installationsmanual <i>Installation manual</i>	NOXSYSTEMS® Installationsmanual	April 2006 SHJ Elektronik, Aalborg Version V1.6
Bruger vejledning <i>User manual</i>	NOXSYSTEMS® Bruger vejledning	SHJ Elektronik, Aalborg Version V1.3
Teknisk dokumentation: <i>Technical documentation:</i>		
NOX CPU: Diagram PCB-A Stykliste	NOX_CPU, Rev 1.1 Component view Stückliste NOXCPU (Rev. B)	2005-11-17 Dated by DBI: 2006-12-06 HSA 2006-07-30
NOX PSA: Diagram PCB-A Stykliste	NOX PSU, Rev. 3.2 Component view Stückliste NOXPSU (Rev. B)	2005-10-19 Dated by DBI: 2006-12-06 HSA 2006-07-30
NOX MIO: Diagram PCB-A Stykliste	NOX MIO, Rev. 1.1 Component view Stückliste NOXMIO	2005-10-19 Dated by DBI: 2006-12-06 HSA 2006-07-28
Kabinet / Enclosure:		
NOX centralkabinet, (Kasse og dæksel – se fotoserie)	N106 DK-2, rev. 1.2	2005-10-27
NOX centralkabinet, (montageplade, boret)	N106 DK-1, rev. 1.3	2006-02-22
Fotoserie:	Kontrol- og indikeringsudstyr <i>Control and Indicating Equipment</i>	Dateret af DBI: 2006-12-04 HSA <i>Dated by DBI: 2006-12-04 HSA</i>
	Dæksel <i>Cover</i>	Dateret af DBI: 2006-12-04 HSA <i>Dated by DBI: 2006-12-04 HSA</i>
	Dæksel detalje <i>Cover detail</i>	Dateret af DBI: 2006-12-04 HSA <i>Dated by DBI: 2006-12-04 HSA</i>

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Cross Reference List of NOX System Components

NOX System Component	Description	Tested according to					
		EN 60950-1	EN61000-6-2 with consideration of requirements in EN 50130-4	EN 61000-6-3 class -B	EN 50130-5	TS 50131-3	TS 50131-6
NOX System Control Unit (with housing and batteries) including		X	X	X	X	X	
NOX CPU	Central processing unit	X	X	X	X	X	X
NOX PSU	Power supply	X	X	X	X	X	X
NOX MIO	Multi I/O module	X	X	X	X	X	
NOX Modules							
NOX RE4	Relay module	X	X	X	X	X	
NOX IN4	Input module	X	X	X	X	X	
NOX CPA	Code Panel	X	X	X	X	X	
NOX RPT	Repeater	X	X	X	X	X	
NOX IO1	I/O module	X	X	X	X		
NOX CRD	Card reader interface (Hardware is identical with any CRx and CMx modules)	X	X	X	X	X	
NOX KPD	Keypad	X	X	X	X	X	
NOX RXM	Receiver	X	X	X			
NOX THS	Temperature / Humidity - Sensor	X				X	
NOX ATU	Alarm Transmission Unit					X	