



Certificate

of
Approval
of
Components and Systems

Holder of the Approval:

Notifier Sicherheitssysteme GmbH
Berliner Straße 91
DE-40880 Ratingen

<i>Approval No.:</i>	<i>No. of pages:</i>	<i>Valid from:</i>	<i>Valid to:</i>
G 202096	6	12.05.2010	11.05.2014

Subject matter of the Approval:

Control and Indicating Equipment
Type NF 30-A

Use:

in Automatic Fire Detection and Fire Alarm Systems

Basis for approval:

DIN EN 54-2:1997-12 + A1:2007-01 - Control and Indicating Equipment
DIN EN 54-4:1997-12 + A1:2003-03 + A2:2007-01 - Power Supply Equipment
VdS 2540:2009-11 Draft - Control and Indicating Equipment
VdS 2541:1996-12 - Power Supply Equipment
VdS 2344:2005-12 - Procedure Guidelines

Köln (Cologne), 07.05.2010

Schüngel
Managing Director

ppa. Stahl
Head of the VdS Certification Body

This approval is valid only for the specified component/system as submitted for the test

- together with the parts listed in enclosure 1
- documented in the technical papers acc. to enclosure 2 (n/a for systems)
- for application in the specified fire protection and security installations

Use of the subject matter of the approval, is subject to the hints/comments of enclosure 3.

The validity of the approval can be extended upon application. Application for extension shall be submitted six months before expiry of the current approval at the latest

This certificate may only be reproduced in its present form without any modification including all enclosures. All changes of the underlying conditions of this approval shall be reported at once to the VdS Certification Body enclosing the required documentation.

Any advertising with this VdS approved component/system shall reflect the correct contents of the certificate and shall not violate the trade practice rules.



DAT-ZE 005/92

VdS Schadenverhütung GmbH
Zertifizierungsstelle
Amsterdamer Str. 174
D-50735 Köln
A company of the German Insurance Association (GDV) (German federation of insurance companies)
Accredited by the "Deutsche Akkreditierungsstelle Technik (DATech)" as a certification body for the areas of fire protection and security



Enclosure 1

Sheet 1

To Certificate of Approval No. G 202096

Date 07.05.2010

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
Control and Indicating Equipment	NF 30-A		



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Date 07.05.2010

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
VdS Test Report No. BMA 02058 dated 09.12.2002			
VdS Test Report No. BMA 10050 dated 23.04.2010			
VdS Test Report No. BMA 10052 dated 23.04.2010			
VdS Software Test Report No. SW 2001241 dated 28.11.2002			
VdS Software Test Report No. SW 2008232 dated 24.04.2009			
Installation-, Commissioning- and Configuration Instructions	997-442-003-11, Ausgabe 11		109
Operating Instructions	997-443-003-9, Ausgabe 9		57
Installation SST Interface Box	997-580-003-1, Ausgabe 1		2
Installation RTU01	997-584-003-1, Ausgabe 1		1
Installation Module Kits M221-SI	997-581-003-1, Ausgabe 1		2
NF 30-A:			
Parts List	002-455-002, issue 10		
Main Board:			
Parts List	124-390-001, issue 1		
Circuit Diagram	C394-390, issue 1		
Component Mounting Diagram	GA124-390, issue 1		



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The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Housing: Parts List Drawing Housing Front Housing Rear Wall Layout	004-465-102, issue 2 PP684-360, issue 3 PP236-662-XXX, issue 3 PP225-369-XXX, issue 10 GA004-104-XXX, issue 08		
SST Interface Box: Parts List Circuit Diagram Component Mounting Diagram Front Foil	124-382-001, issue 1 C394-382-001, Issue 1 GA124-382-001, issue 2 PP385-025-001, issue 1		
RTU01: Parts List Circuit Diagram Component Mounting Diagram	124-373, issue 2 C394-373, issue 1 GA124-373, issue 1		
Module Kit M221-SI: Parts List Label	020-877, issue 1 PP345-593, issue 1		



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Instructions for the application of the approval component/system (see enclosure 1):

Control and indicating equipment type NF 30-A comprises an integrated power supply equipment.

Maximum one loop can be connected to CIE type NF 30-A.

CIE type NF 30-A is suitable to trigger one extinguishing zone. Triggering is realized via module M221-SI to be installed within the housing of the CIE. The additional indications are realized via the SST Interface Box to be fixed at the housing of the CIE.

All input/output interfaces of the CIE shall be operated via shielded cable.

The following options with requirements are available:

Indications:

Alarm counter, Sect. 7.13

Fault signals from points, Sect. 8.3

Controls:

Delays to outputs, Sect. 7.11

Co-occurrence detection Type B, Sect. 7.12.2

Disabling of addressable points, Sect. 9.5

Test condition, Sect. 10

Outputs:

Output to fire alarm devices, Sect. 7.8

Output to fire alarm routing equipment, Sect. 7.9.1

Output to fire protection equipment Type A, Sect. 7.10.1

Output to fire protection equipment Type C, Sect. 7.10.3

Output to fault warning routing equipment, Sect. 8.9

Inputs:

Alarm confirmation input from fire alarm routing equipment, Sect. 7.9.2

Fault monitoring of fire protection equipment, Sect. 7.10.4



Enclosure 3

Sheet 2

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Date 07.05.2010

Instructions for the application of the approval component/system (see enclosure 1):

Technical data:

Line voltage:	230 V
R _i max:	400 mΩ
Connectable battery capacity:	12 Ah