VdS

Enclosure 1 **Sheet 1**

To Certificate of Approval No. G 205024 Date 30.04.2007

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	Solution F1-6 Solution F1-18		
consisting of:			
Housing	A1	B01400-00	
Housing	A2	B01405-00	
Housing	B1	B01410-00	
Housing	B2	B01415-00	
Power Supply Board 4,0A with Transformer 180VA	P001-02	F20001-00	
Power Supply Board 6,7 A with Transformer 330VA	P001-02	F20001-01	
Mainframe Computer, partly tipped	P030-02	F20030-00	
Mainframe Computer, completely tipped	P030-02	F20030-01	
Processor Board (CPU), partly tipped	P040-02	F20040-00	
Processor Board (CPU), completely tipped	P040-02	F20040-01	
Detector Assembly adressable, single	P060-02	B01260-00	
Microcontroller, Hochiki Record			
Detector Assembly adressable, redundant Microcontroller, Hochiki Record	P060-02	B01270-00	

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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)
Detector Assembly Limit Value, single Microcontroller	P061-02	B01300-00	
Detector Assembly Limit Value, redundant Microcontroller	P061-02	B01310-00	
Frontpanel Indication Board	P090-02	F20090-01	
Board for 32 Detector Group Individual Indication with LEDs	P091-01	B01220-00	
Frontplate for Detector Group LEDs		B01200-00	
Relay Board	P121-01	B01330-00	
Standard I/O Interface acc. to VdS		B01240-00	

Enclosure 2 **Sheet 1**

To Certificate of Approval No. G 205024 Date 30.04.2007

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
VdS Test Report No. BMA 05018, dated 18.03.2005			
VdS Software-Test Report No. SW 2004207, dated 17.03.2005			
VdS Software-Test Report No. SW 2005201, dated 17.03.2005			
VdS Software-Test Report No. SW 2005202, dated 17.03.2005			
Solution F1-6/1-18 :			
Constructional Drawings Housing A		16.02.2005	10
Constructional Drawings Housing B		16.02.2005	10
Circuit Diagram Power Supply Board P001-02	Netzteil P001-02	28.01.2005	2
Layout Power Supply Board P001-02	NetzteilP001-02.brd	21.02.2005	1
Parts List Power Supply Board P001-02	Stückliste Netzteilplatine P001-02	23.01.2005	3
Circuit Diagram Mainframe Computer P030-02	NSC-P030	26.02.2005	12
Layout Mainframe Computer P030-02	Zentralrechnerplatine P030-02\	21.02.2005	2
Parts List Mainframe Computer P030-02	Stückliste P030-02	17.02.2005	7
Circuit Diagram Processor Board P040-02	NSC-P040-02-A	11.02.2005	5

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The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Layout Processor Board P040-02	P040-02-A.brd	11.02.2005	3
Parts List Processor Board P040-02	Stückliste P040-02-A	17.02.2005	4
Circuit Diagram Detector Assembly P060-02	NSC-P060-02-A	08.02.2005	9
Layout Detector Assembly P060-02	P060-02-A.brd	08.02.2005	7
Parts List Detector Assembly P060-02	Stückliste P060-02-A	17.02.2005	8
Rebuilding Instruction to P061-02	Umbauten P061-01D- zu P061-02-A	17.02.2005	1
Circuit Diagram Detector Assembly P061-02	NSC-P061-02-A	11.02.2005	8
Layout Detector Assembly P061-02	P061-02-4.brd	11.02.2005	4
Parts List Detector Assembly P061-02	E013 Stückliste P061-02-A	17.02.2005	6
Circuit Diagram Front Panel Indication Board P090-02	NSC-P090-02-A	09.02.2005	2
Layout Front Panel Indication Board P090-02	P090-02-A.brd	09.02.2005	2
Parts List Front Panel Indication Board P090-02	Stückliste P090-02-A	17.02.2005	4
Circuit Diagram LED Zone Indication P091-01	NSC-P091-01	11.02.2004	1
Layout LED Zone Indication P091-01	P091-01-F.brd	11.02.2004	2

Enclosure 2 **Sheet 3**

To Certificate of Approval No. G 205024 Date 30.04.2007

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Parts List LED Zone Indication P091-01	Stückliste P091-01-G	17.02.2005	1
Circuit Diagram Relay Board P122-01	NSC-P121-01	28.05.2004	1
Layout Relay Board P122-01	P121-B-01.brd	04.06.2004	1
Parts List Relay Board P122-01	Stückliste P121-01-B	04.06.2004	1

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

Control and indicating equipment type Solution F1 is available in the extension versions 'Solution F1-6' and 'Solution F1-18' and is operated with a 4,0 A or a 6,7 A power supply.

Two to six ring feeders may be connected to version F1-6.

Two to eighteen ring feeders may be connected to version F1-18.

The following options are available according to DIN EN 54, Part 2:

- Sect. 7.8 Output for the triggering of alarming devices C
- Sect. 7.9 Output for the triggering of routing devices of fire alarms E
- Sect. 7.10 Output for the triggering of fire protection devices G (type A)
- Sect. 7.11 Routing delay of output signals
- Sect. 7.12 Two detector coincidence (type C)
- Sect. 7.13 Alarm counter
- Sect. 8.3 Fault signals of detection points
- Sect. 8.4 Complete breakdown of the power supply
- Sect. 8.9 Routing to transmission devices of fault signals J
- Sect. 9.5 Disablement of addressable points
- Sect. 10 Test condition
- Sect. 11 Standard I/O interface