

# Loss Prevention Certification Board



## This is to certify

**KAC ALARM COMPANY LIMITED**  
15-19 Trescott Road, Trafford Park, Smallwood,  
Redditch, Worcestershire, B98 7AH

is authorised to use the LPCB mark in association with the  
product(s) listed in this certificate and appendix.

**KAC World Series, MCP545, MCP 1-7 and WCP 1-7  
Series manual call points**

(refer to attached appendix for details)

which have complied with the requirements of the following:

**EN 54-11: 2001 - Fire detection and fire alarm systems -  
Manual Call Points**

Certificate No. 166b

Issue No. 11

Date of Issue 06 August 2007

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Signed on behalf of the LPCB

Name: P STEVENS



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# Loss Prevention Certification Board



## APPENDIX TO CERTIFICATE NO. 166b

### KAC ALARM COMPANY LIMITED

Products	LPCB Ref. No.
WR2001 Indoor manual call point, flush mounted (single pole changeover).	166b/01
WR2012 Indoor manual call point, flush mounted.	166b/02
WR2004 Indoor manual call point, flush mounted.	166b/03
WR2061 Indoor manual call point, flush mounted.	166b/04
WR2072 Indoor manual call point, flush mounted.	166b/05
WR2101 Indoor manual call point, flush mounted.	166b/06
WR3001 Indoor manual call point, flush mounted (single pole changeover).	166b/07
WR3101 Indoor manual call point, flush mounted.	166b/08
WR3061 Indoor manual call point, flush mounted.	166b/09
WR3072 Indoor manual call point, flush mounted.	166b/10
WR3631 Indoor manual call point, flush mounted.	166b/11
WR4001 Outdoor manual call point, (single pole changeover).	166b/12
WR4061 R1-R2 (2.5W resistors) Outdoor manual call point.	166b/13
WR4061 Outdoor manual call point with LED and series and shunt resistors.	166b/14
WR4031 Outdoor manual call point.	166b/15
WR4072 Outdoor manual call point with series monitoring resistor.	166b/16
WR7/2001 Rainproof manual call point (single pole change over, surface mounted).	166b/25
WR7/2004 Rainproof manual call point with series monitoring resistor, surface mounted.	166b/26
WR7/2012 Rainproof manual call point with two series monitoring resistors, surface mounted.	166b/27
WR7/2061 Rainproof manual call point (series monitoring resistors & LED) surface mounted.	166b/28
WR7/2072 Rainproof manual call point with series monitoring resistor, surface mounted.	166b/29
WR7/2101 Rainproof manual call point, surface mounted.	166b/30
WR7/3001 Rainproof manual call point single pole changeover.	166b/31
WR7/3061 Rainproof manual call point with LED and series and shunt resistors, surface mounted.	166b/32
WR7/3072 Rainproof manual call point with series monitoring resistor, surface mounted.	166b/33
WR7/3101 Rainproof manual call point, surface mounted.	166b/34

For details of Cross-Listed products and alternative branding please see pages 6 to 7.

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Page 2 of 7

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## APPENDIX TO CERTIFICATE NO. 166b

### KAC ALARM COMPANY LIMITED

Products		LPCB Ref. No.
MCP545-1	Indoor surface mounting addressable manual call point	166b/35
MCP545-2	Indoor flush mounting addressable manual call point	166b/36
MCP545-3	Outdoor surface mounting addressable manual call point	166b/37
MCP545-4	Outdoor surface mounting addressable manual call point	166b/38
MCP1A-Rxxxxx	Indoor/Outdoor surface/flush mounting conventional call point	166b/39
MCP1B-Rxxxxx	Indoor/Outdoor surface/flush mounting conventional call point	166b/40
MCP2A-Rxxxxx	Indoor/Outdoor surface/flush mounting conventional call point	166b/41
MCP2B-Rxxxxx	Indoor/Outdoor surface/flush mounting conventional call point	166b/42
<i>Notes:</i>		
1. <i>xxxxx</i> indicates the series resistor value. <b>039xx</b> (lowest 39 Ω), <b>4K7xx</b> (highest 4.7 kΩ)		
2. <i>xxxSx</i> (Surface mounted) <i>xxxFx</i> (Flush mounted)		
3. <i>xxxxG</i> (Glass element) <i>xxxxF</i> (Flexible element)		
4. The MCP1-2 Series manual call points LPCB Ref. No. 166b/39-166b/42 are approved with three micro-switches (Honeywell ZM10E50A01, Otehall 294/20/150/G and Burgess X4G310K1BBAQ)		
MCP3A-R000xx	Indoor/Outdoor surface/flush mounting conventional call point	166b/43
MCP4A-R000xx	Indoor/Outdoor surface/flush mounting conventional call point	166b/44
MCP5A-RP01xx	Indoor/Outdoor surface/flush mounting addressable call point (System Sensor 500 series protocol)	166b/45
MCP5A-RP03xx	Indoor/Outdoor surface/flush mounting addressable call point (Honeywell 500 series protocol)	166b/47
MCP7A-RC01xx	Indoor/Outdoor surface/flush mounting conventional call point	166b/49
MCP7B-RC01xx	Indoor/Outdoor surface/flush mounting conventional call point	166b/50
<i>Notes:</i>		
1. <i>Sx</i> (Surface mounted) <i>Fx</i> (Flush mounted)		
2. <i>xG</i> (Glass element) <i>xF</i> (Flexible element)		
3. The MCP3-7 Series manual call points LPCB Ref. No. 166b/43-166b/50 are approved with three micro-switches (Honeywell ZM10E50A01, Otehall 294/20/150/G and Burgess X4G310K1BBAQ)		

For details of Cross-Listed products and alternative branding please see pages 6 to 7.

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Page 3 of 7

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## APPENDIX TO CERTIFICATE NO. 166b

### KAC ALARM COMPANY LIMITED

Products	LPCB Ref. No.
WCP1A-RxxxSx Outdoor surface mounting conventional waterproof call point	166b/51
WCP1B-RxxxSx Outdoor surface mounting conventional waterproof call point	166b/52
WCP2A-RxxxSx Outdoor surface mounting conventional waterproof call point	166b/53
WCP2B-RxxxSx Outdoor surface mounting conventional waterproof call point	166b/54
<i>Notes:</i> 1. xxxSx indicates the series resistor value. 039Sx (lowest 39 Ω), 4K7Sx (highest 4.7 kΩ) 2. xxxSG (Glass element) xxxSF (Flexible element) 3. The WCP1-2 Series waterproof manual call points LPCB Ref. No. 166b/51-166b/54 are approved with Honeywell micro switch ZW10F90AW1	
WCP3A-R000Sx Outdoor surface mounting conventional waterproof call point	166b/55
WCP4A-R000Sx Outdoor surface mounting conventional waterproof call point	166b/56
WCP5A-RP01Sx Outdoor surface mounting addressable waterproof call point (System Sensor 500 series protocol)	166b/57
WCP5A-RP03Sx Outdoor surface mounting addressable waterproof call point (Honeywell 500 series protocol)	166b/59
WCP7A-RC01Sx Outdoor surface mounting conventional waterproof call point	166b/61
WCP7B-RC01Sx Outdoor surface mounting conventional waterproof call point	166b/62
<i>Notes:</i> 1. G (Glass element) F (Flexible element) 2. The WCP3-7 Series waterproof manual call points LPCB Ref. No. 166b/55-166b/62 are approved with Honeywell micro switch ZW10F90AW1	
MCP5A-RP11xx Indoor surface/flush mounting addressable call point (Advanced System Sensor protocol)	166b/63
<i>Notes:</i> 1. Sx (Surface mounted) Fx (Flush mounted) 2. xG (Glass element) xF (Flexible element) 3. The manual call point is approved with three micro-switches (Honeywell ZM10E50A01, Otehall 294/20/150/G and Burgess X4G310K1BBAQ)	
WCP5A-RP11Sx Outdoor surface mounting addressable call point (Advanced System Sensor protocol)	166b/64
<i>Notes:</i> 1. G (Glass element) F (Flexible element) 2. The manual call point is approved with Honeywell micro switch ZW10F90AW1	

Continued.....

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Page 4 of 7

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APPENDIX TO CERTIFICATE NO. 166b

## KAC ALARM COMPANY LIMITED

Accessories:

SR	Surface mounting plastic box <sup>(1)</sup>
SR1T	Surface mounting plastic box c/w 1 terminal <sup>(1)</sup>
SR2T	Surface mounting plastic box c/w 2 terminals <sup>(1)</sup>
SR3T	Surface mounting plastic box c/w 3 terminals <sup>(1)</sup>
SR4T	Surface mounting plastic box c/w 4 terminals <sup>(1)</sup>
MR	Surface mounting metal box <sup>(1)</sup>
ETT	European Terminal Tray ETT1, 2 & 3 <sup>(1)</sup>
L	Earth Continuity Link <sup>(1)</sup>
BZR/1	Bazel Type 1 <sup>(1)</sup>
BZR/2	Bazel Type 2 <sup>(1)</sup>
BZR/3	Bazel Type 3 <sup>(1)</sup>
M141	Spacer Piece <sup>(1)</sup>
PTR	Pattress PTR, PTRE, PTR2T, PTR2TE, PTR3T & PTR3TE <sup>(1)</sup>
C	Hinged Cover <sup>(1)</sup>

Notes: 1. The above accessories are only supplied with MCP/WCP1-7 Series manual call points LPCB Ref. No. 166b/39-166b/64

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Page 5 of 7

Date of Issue 06 August 2007

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## APPENDIX TO CERTIFICATE NO. 166b

### KAC ALARM COMPANY LIMITED

LPCB Ref. No.	Model No.	Alternative Model No.	Labelled
166b/07	WR3001	MT320C	Siemens
166b/11	WR3631	DM1101	Siemens
166b/35	MCP545-1	MCP545-1 MCP545-1	Securiton Schrack
166b/36	MCP545-2	MCP545 MCP545-2	Securiton Schrack
166b/37	MCP545-3	MCP545-3	Schrack
166b/38	MCP545-4	MCP545-4	Schrack
166b/39	MCP1A-Rxxxxx	MUS1A-Rxxxxx MCP1A-Rxxxxx-01IS	KAC Alarm Company Ltd KAC Alarm Company Ltd
166b/40	MCP1B-Rxxxxx	MUS1B-Rxxxxx MCP1B-Rxxxxx-01IS	KAC Alarm Company Ltd KAC Alarm Company Ltd
166b/41	MCP2A-Rxxxxx	MUS2A-Rxxxxx MCP2A-Rxxxxx-01IS	KAC Alarm Company Ltd KAC Alarm Company Ltd
166b/41	MCP2A-R470FG MCP2A-R039FG	MCP200 MCP210 MCP250M	Tyco Electronic Product Group Tyco Electronic Product Group Tyco Electronic Product Group
166b/42	MCP2B-Rxxxxx	MUS2B-Rxxxxx MCP2B-Rxxxxx-01IS	KAC Alarm Company Ltd KAC Alarm Company Ltd

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Page 6 of 7

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## APPENDIX TO CERTIFICATE NO. 166b

### KAC ALARM COMPANY LIMITED

LPCB Ref. No.	Model No.	Alternative Model No.	Labelled
166b/43	MCP3A-R000xx	MUS3A-R000xx MCP3A-R000xx-01IS	KAC Alarm Company Ltd KAC Alarm Company Ltd
166b/44	MCP4A-R000xx	MUS4A-R000xx MCP4A-R000xx-01IS	KAC Alarm Company Ltd KAC Alarm Company Ltd
166b/45	MCP5A-RP01xx	MUS5A-RP01xx M700KAC-xx	KAC Alarm Company Ltd Notifier Fire Systems
166b/47	MCP5A-RP03xx	MUS5A-RP03xx MI-MCP-xxxx	KAC Alarm Company Ltd Morley-IAS Fires Systems
166b/49	MCP7A-RC01xx	MUS7A-RC01xx MCP7A-RC01xx-01IS	KAC Alarm Company Ltd KAC Alarm Company Ltd
166b/50	MCP7B-RC01xx	MUS7B-RC01xx MCP7B-RC01xx-01IS	KAC Alarm Company Ltd KAC Alarm Company Ltd
166b/53	WCP2A-R470SG	MCP230 MCP260M	Tyco Electronic Product Group Tyco Electronic Product Group
166b/63	MCP5A-RP11xx	MCP5A-RP11xx	System Sensor
166b/64	WCP5A-RP11Sx	WCP5A-RP11Sx	System Sensor
166	SR3T-P mounting box	MTA320 mounting box	Siemens
166	SR3T-P mounting box	DMZ1191 mounting box	Siemens

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