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Certificate of Product Approval

Certificate Number: 166n

Issue: 02

PRE

KAC Alarm Company Ltd

Thornhill Road, North Moons Moat, Redditch, B98 9ND, United Kingdom

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

WST-XC-NYY CWST-WW-YY CWST-RR-YY CWST-WR-YY CWST-RW-YY

Audible Warning Devices

Standards

EN 54-23: 2010

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BF1278 Rev. 0.1

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Certified LPCB Description Product Ref.No. WST-XC-Analogue addressable wall mounted LED strobe 166n/01 NYY (B501AP base) Notes: 1. The wall mounted VAD meets the requirements of EN 54-23: 2010 for the following category (light pattern details): - Category O: O-2.4-2 - Flash rate 1Hz - Synchronization 2. Type A with Bcc deep back box, Type B with Wcc deep back box 3. x indicates body colour. D=Detector White, P=Pure White 4. yy indicates customer and associated communication protocol. 01 indicates Advanced Protocol (and Honeywell 500 series protocol) 00 and 02-99 indicates Advanced Protocol (and System Sensor 500 series protocol) CWST-WW-166n/02 Conventional beacon ΥY Notes: 1. The ceiling / wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories (light pattern details): - Category W: W-2.4-9 - Category C: C-3-9.5, C-6-9.5, C-9-9.5 - Flash rate 0.5Hz - Synchronization 2. Type A with CSW shallow back box, Type B with CWW deep back box 3. WW indicates white body / white LED 4. YY indicates mounting option. Where S5 = shallow base (standard fix) Where S6 = shallow base (first fix) Where W5 = deep back box (standard fix)

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Certified Product	Description	LPCB Ref.No.
	Where W6 = deep back box (first fix)	
CWST-RR- YY	Conventional beacon Notes: 1. The ceiling / wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories (light pattern details): - Category W: W-2.4-6.2 - Category C: C-3-9.4, C-6-8.2 - Flash rate 0.5Hz - Synchronization 2. Type A with CSR shallow back box, Type B with CWR deep back box 3. RR indicates red body / red LED 4. YY indicates mounting option. Where S5 = shallow base (standard fix) Where S6 = shallow base (first fix) Where W5 = deep back box (standard fix) Where W6 = deep back box (first fix)	166n/03
CWST-WR- YY	Conventional beacon Notes: 1. The ceiling / wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories (light pattern details): - Category W: W-2.4-6.2 - Category C: C-3-9.4, C-6-8.2 - Flash rate 0.5Hz - Synchronization 2. Type A with CSW shallow back box, Type B with CWW deep back box 3. WR indicates white body / red LED	166n/04

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Certified Product	Description	LPCB Ref.No.
	4. YY indicates mounting option.	
	Where S5 = shallow base (standard fix)	
	Where S6 = shallow base (first fix)	
	Where $W5 =$ deep back box (standard fix)	
	Where $W6 = deep back box (first fix)$	
CWST-RW- YY	Conventional beacon Notes:	166n/05
	1. The ceiling / wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories (light pattern details):	
	- Category W: W-2.4-9	
	- Category C: C-3-9.5, C-6-9.5, C-9-9.5	
	- Flash rate 0.5Hz	
	- Synchronization	
	2. Type A with CSR shallow back box, Type B with CWR deep back box	
	3. RW indicates red body / white LED	
	4. YY indicates mounting option.	
	Where $S5 =$ shallow base (standard fix)	
	Where S6 = shallow base (first fix)	
	Where $W5 = deep back box (standard fix)$	
	Where W6 = deep back box (first fix)	

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Bases / Ancillaries

B501AP	Mounting base – Low profile base IP21C
Bcc	Deep back box
Wcc	Waterproof deep back box IP33C
CSW	19mm shallow back box – white IP21C
CSR	19mm shallow back box – red IP21C
CWW	45mm deep back box – white IP33C
CWR	45mm deep back box – red IP33C

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Alternative Model Numbers and Labelling

LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
166n/01	WST-XC-NYY	MI-WST-PC-N	Morley-IAS Fire Systems by Honeywell (Pittway Systems Technology Group (Europe) Ltd)	166n-(cl-1)
166n/01	WST-XC-NYY	WST-PC-N00	System Sensor Europe	166n-(cl-2)

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