

Certificate of Product Approval

Certificate Number: 166n

Issue: 02

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

Audible Warning Devices

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

Standards

EN 54-23: 2010

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for LPCB

Martin McCullagh

Verifier

17 April 2014

Date of Issue

11 April 2014

Date of First Issue



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Appendix to Certificate No: 166n KAC Alarm Company Ltd

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| Certified Product | Description | LPCB Ref.No. |
|-------------------|--|--------------|
| WST-XC-NYY | <p>Analogue addressable wall mounted LED strobe (B501AP base)</p> <p>Notes:</p> <ol style="list-style-type: none"> The wall mounted VAD meets the requirements of EN 54-23: 2010 for the following category (light pattern details): <ul style="list-style-type: none"> - Category O: O-2.4-2 - Flash rate 1Hz - Synchronization Type A with Bcc deep back box, Type B with Wcc deep back box x indicates body colour. D=Detector White, P=Pure White yy indicates customer and associated communication protocol. <p>01 indicates Advanced Protocol (and Honeywell 500 series protocol) 00 and 02-99 indicates Advanced Protocol (and System Sensor 500 series protocol)</p> | 166n/01 |
| CWST-WW-YY | <p>Conventional beacon</p> <p>Notes:</p> <ol style="list-style-type: none"> The ceiling / wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories (light pattern details): <ul style="list-style-type: none"> - 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 Type A with CSW shallow back box, Type B with CWW deep back box WW indicates white body / white LED YY indicates mounting option. <ul style="list-style-type: none"> Where S5 = shallow base (standard fix) Where S6 = shallow base (first fix) Where W5 = deep back box (standard fix) | 166n/02 |

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|-------------------|---|--------------|
| | Where W6 = deep back box (first fix) | |
| CWST-RR-YY | <p>Conventional beacon</p> <p>Notes:</p> <ol style="list-style-type: none"> The ceiling / wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories (light pattern details): <ul style="list-style-type: none"> - Category W: W-2.4-6.2 - Category C: C-3-9.4, C-6-8.2 - Flash rate 0.5Hz - Synchronization Type A with CSR shallow back box, Type B with CWR deep back box RR indicates red body / red LED YY indicates mounting option. <ul style="list-style-type: none"> 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 | <p>Conventional beacon</p> <p>Notes:</p> <ol style="list-style-type: none"> The ceiling / wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories (light pattern details): <ul style="list-style-type: none"> - Category W: W-2.4-6.2 - Category C: C-3-9.4, C-6-8.2 - Flash rate 0.5Hz - Synchronization Type A with CSW shallow back box, Type B with CWW deep back box WR indicates white body / red LED | 166n/04 |

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| | <p>4. YY indicates mounting option.</p> <p>Where S5 = shallow base (standard fix)</p> <p>Where S6 = shallow base (first fix)</p> <p>Where W5 = deep back box (standard fix)</p> <p>Where W6 = deep back box (first fix)</p> | |
| CWST-RW-YY | <p>Conventional beacon</p> <p>Notes:</p> <p>1. The ceiling / wall mounted VAD meets the requirements of EN 54-23: 2010 for the following categories (light pattern details):</p> <ul style="list-style-type: none"> - 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 <p>2. Type A with CSR shallow back box, Type B with CWR deep back box</p> <p>3. RW indicates red body / white LED</p> <p>4. YY indicates mounting option.</p> <p>Where S5 = shallow base (standard fix)</p> <p>Where S6 = shallow base (first fix)</p> <p>Where W5 = deep back box (standard fix)</p> <p>Where W6 = deep back box (first fix)</p> | 166n/05 |

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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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