

## EC TYPE EXAMINATION (Module B) CERTIFICATE MARINE EQUIPMENT DIRECTIVE Certificate No.: 0832-MED-1011

This is to certify that BRE Global Ltd, as specified as a "notified body" under the terms of the Statutory Instrument 1999 No. 1957 The Merchant Shipping (Marine Equipment) Regulations 1999, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Fire protection of Marine Equipment Directive (MED) 96/98/EC as modified by Directive (EU) 2015/559 subject to any conditions in the annex attached hereto.

Manufacturer &  
Applicant /  
Distributor

KAC Alarm Company Ltd / Tyco Fire & Security GmbH  
Thornhill Road Victor Von Bruns-Strasse 21  
North Moons Moat 8212 Neuhausen am Rheinfall  
Redditch Schaffhausen  
Worcestershire Switzerland  
B98 9ND  
UK

Product Description/  
Identification :

(see attached annex)

Annex A.1 Item designation : A.1/3. 51 – Fixed fire detection and fire alarm systems components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces – Item (f) Manual call points.

Specified Standard : EN 54-11: 2001 including amendment A1:2005

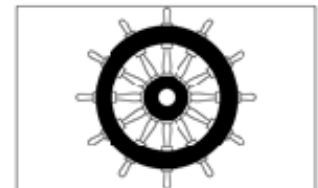
Signed on behalf of BRE Global Ltd



T. Baker  
Certification Scheme Manager

Issue date: 16 September 2016  
First issued: 13 October 2009

**Issue: 3**  
Valid Until: 15 September 2021



EC TYPE EXAMINATION (Module B) CERTIFICATE  
MARINE EQUIPMENT DIRECTIVE  
Certificate No.: 0832-MED-1011

The examination encompassed the modules of conformity assessment of Annex B, EC Type Examination (Module B).

This Certificate is issued under the authority of the MCA under the terms stated above and remains valid for a period up to but not exceeding 5 years unless cancelled or revoked, providing the conditions in the attached annex are complied with and the equipment remains satisfactory in service.

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with BRE Global Ltd.

Subject to compliance with the conditions in the attached annex, which forms part of this certificate, and those articles 10.1(i) and 11 of the Directive, the Manufacturer is allowed to affix the 'Mark of Conformity' to the product described herein. This certificate on its own, does not entitle the manufacturer to place the EU mark of conformity (wheelmark) and notified body number on the product, unless conformity assessment module D or E or F have been carried out in addition to Module B.

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Annex to  
EC TYPE EXAMINATION (Module B) CERTIFICATE  
Certificate No.: 0832-MED-1011  
SCHEDULE OF APPROVAL

<b>Product Description</b>	MCP1A-Rxxxxx-yyyy-zz	Conventional Indoor Surface/Flush Mounted Manual Call Point
	MCP1B-Rxxxxx-yyyy-zz	Conventional Indoor Surface/Flush Mounted Manual Call Point
	MCP2A-Rxxxxx-yyyy-zz	Conventional Indoor Surface/Flush Mounted Manual Call Point
	MCP2B-Rxxxxx-yyyy-zz	Conventional Indoor Surface/Flush Mounted Manual Call Point
	<p>Notes:</p> <ol style="list-style-type: none"> <li>1. <b>XXXxx</b> indicates the series resistor value <b>039xx</b> (lowest 39 Ω), <b>4K7xx</b> (highest 4.7 kΩ)</li> <li>2. <b>xxxXx</b> indicates mounting (<b>S</b>=Surface mounted, <b>F</b>=Flush mounted, <b>P</b>=Pattress mounted, <b>1-4</b>= Surface mounted with 1-4 terminals)</li> <li>3. <b>xxxxG</b> (Glass element) <b>xxxxF</b> (Flexible element)</li> <li>4. <b>yyyy</b> (Range A000 to Z999 or STCK for standard stocked product), indicates a customer account code. Only specific account codes are LPCB approved and indicated by the presence of the LPCB logo placed on the product label</li> <li>5. <b>zz</b> (Range 0-99) indicates customer marking options detailed on KAC controlled drawing 08/2639</li> <li>6. Suffix <b>IS</b> indicates the intrinsically safe version.</li> </ol>	
	MCP3A-Rxxxxx-yyyy-zz	Conventional Indoor Surface/Flush Mounted Manual Call Point
	<p>Notes:</p> <ol style="list-style-type: none"> <li>1. <b>XXXxx</b> indicates the electrical configuration (<b>000xx</b> = no resistor, <b>C01xx</b> = single pole changeover connections)</li> <li>2. <b>xxxXx</b> indicates mounting (<b>S</b>=Surface mounted, <b>F</b>=Flush mounted, <b>P</b>=Pattress mounted, <b>1-4</b>= Surface mounted with 1-4 terminals)</li> <li>3. <b>xxxxG</b> (Glass element) <b>xxxxF</b> (Flexible element)</li> <li>4. <b>yyyy</b> (Range A000 to Z999 or STCK for standard stocked product), indicates a customer account code. Only specific account codes are LPCB approved and indicated by the presence of the LPCB logo placed on the product label</li> <li>5. <b>zz</b> (Range 0-99) indicates customer marking options detailed on KAC controlled drawing 08/2639</li> <li>6. Suffix <b>IS</b> indicates the intrinsically safe version.</li> </ol>	

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To check the authenticity of this certificate please contact us.

Annex to  
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Product Description	
	<p>MCP4A-R000xx-yyyy-zz      Conventional Indoor Surface/Flush Mounted Manual Call Point</p> <p>Notes:</p> <ol style="list-style-type: none"><li>1. Xx indicates mounting (<b>S</b>=Surface mounted, <b>F</b>=Flush mounted, <b>P</b>=Pattress mounted, <b>1-4</b>= Surface mounted with 1-4 terminals)</li><li>2. x<b>G</b> (Glass element) x<b>F</b> (Flexible element)</li><li>3. yyyy (Range A000 to Z999 or STCK for standard stocked product), indicates a customer account code. Only specific account codes are LPCB approved and indicated by the presence of the LPCB logo placed on the product label</li><li>4. zz (Range 0-99) indicates customer marking options detailed on KAC controlled drawing 08/2639</li><li>5. Suffix IS indicates the intrinsically safe version.</li></ol> <p><b>Accessories:</b></p> <p>SR      Surface mounting plastic box SR1T    Surface mounting plastic box c/w 1 terminal SR2T    Surface mounting plastic box c/w 2 terminals SR3T    Surface mounting plastic box c/w 3 terminals SR4T    Surface mounting plastic box c/w 4 terminals ETT      European Terminal Tray ETT1, 2 &amp; 3 L        Earth Continuity Link M141W   Spacer Piece PTR      Pattress PTR, PTRE, PTR2T, PTR2TE, PTR3T &amp; PTR3TE C        Hinged Cover. <i>Optionally indicated by the presence of 'C' at the end of the model number.</i></p>

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Product Description	
	<p>WCP1A-RxxxSx-yyyy-zz Conventional Outdoor Surface Mounted Manual Call Point WCP1B-RxxxSx-yyyy-zz Conventional Outdoor Surface Mounted Manual Call Point WCP2A-RxxxSx-yyyy-zz Conventional Outdoor Surface Mounted Manual Call Point WCP2B-RxxxSx-yyyy-zz Conventional Outdoor Surface Mounted Manual Call Point</p>
	<p>Notes:</p> <ol style="list-style-type: none"><li>1. <b>XXXSx</b> indicates the series resistor value <b>039Sx</b> (lowest 39 Ω), <b>4K7Sx</b> (highest 4.7 kΩ)</li><li>2. <b>xxxSG</b> (Glass element) <b>xxxSF</b> (Flexible element)</li><li>3. <b>yyyy</b> (Range A000 to Z999 or STCK for standard stocked product), indicates a customer account code. Only specific account codes are LPCB approved and indicated by the presence of the LPCB logo placed on the product label</li><li>4. <b>zz</b> (Range 0-99) indicates customer marking options detailed on KAC controlled drawing 08/2639</li><li>5. Suffix <b>IS</b> indicates the intrinsically safe version.</li></ol> <p>WCP3A-RxxxSx-yyyy-zz Conventional Outdoor Surface Mounted Manual Call Point</p> <p>Notes:</p> <ol style="list-style-type: none"><li>1. <b>XXXSx</b> indicates the electrical configuration (<b>000Sx</b> = no resistor, <b>C01Sx</b> = single pole changeover connections)</li><li>2. <b>xxxSG</b> (Glass element) <b>xxxSF</b> (Flexible element)</li><li>3. <b>yyyy</b> (Range A000 to Z999 or STCK for standard stocked product), indicates a customer account code. Only specific account codes are LPCB approved and indicated by the presence of the LPCB logo placed on the product label</li><li>4. <b>zz</b> (Range 0-99) indicates customer marking options detailed on KAC controlled drawing 08/2639</li><li>5. Suffix <b>IS</b> indicates the intrinsically safe version.</li></ol>

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Product Description	
	<p>WCP4A-R000Sx-yyyy-zz Conventional Outdoor Surface Mounted Manual Call Point</p> <p>Notes:</p> <ol style="list-style-type: none"><li>1. xG (Glass element) xF (Flexible element)</li><li>2. yyyy (Range A000 to Z999 or STCK for standard stocked product), indicates a customer account code. Only specific account codes are LPCB approved and indicated by the presence of the LPCB logo placed on the product label</li><li>3. zz (Range 0-99) indicates customer marking options detailed on KAC controlled drawing 08/2639</li><li>4. Suffix IS indicates the intrinsically safe version.</li></ol> <p><b>Accessories:</b></p> <p>C Hinged Cover. Optionally indicated by the presence of 'C' at the end of the model number.</p>

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<p><b>Product Description</b></p>	<p><b>Alternative Distributor Model Numbers:</b> Tyco Fire &amp; Security GmbH</p> <table border="0"> <thead> <tr> <th><u>Model Number</u></th> <th><u>KAC Model Number</u></th> </tr> </thead> <tbody> <tr> <td>MCP200</td> <td>MCP2A-R470FG-yyyy-zz</td> </tr> <tr> <td>MCP210</td> <td>MCP2A-R039FG-yyyy-zz</td> </tr> <tr> <td>MCP250M</td> <td>MCP2A-R039FG-yyyy-zz</td> </tr> <tr> <td>MCP230</td> <td>WCP2A-R470SG-yyyy-zz</td> </tr> <tr> <td>MCP260M</td> <td>WCP2A-R470SG-yyyy-zz</td> </tr> </tbody> </table>	<u>Model Number</u>	<u>KAC Model Number</u>	MCP200	MCP2A-R470FG-yyyy-zz	MCP210	MCP2A-R039FG-yyyy-zz	MCP250M	MCP2A-R039FG-yyyy-zz	MCP230	WCP2A-R470SG-yyyy-zz	MCP260M	WCP2A-R470SG-yyyy-zz
<u>Model Number</u>	<u>KAC Model Number</u>												
MCP200	MCP2A-R470FG-yyyy-zz												
MCP210	MCP2A-R039FG-yyyy-zz												
MCP250M	MCP2A-R039FG-yyyy-zz												
MCP230	WCP2A-R470SG-yyyy-zz												
MCP260M	WCP2A-R470SG-yyyy-zz												
<p><b>Testing/ Assessment</b></p>	<p>Tested according to EN 54-11: 2001 including amendment A1:2005 and IEC 60092-504: 2001. The technical documentation in support of this certificate is located within LPCB project file E122006 and P106010.</p>												
<p><b>Applications /Limitations</b></p>	<ol style="list-style-type: none"> <li>1) The devices must be supplied with power from a fire alarm panel approved to EN 54-2:1997 &amp; EN 54-4:1997</li> <li>2) The devices designated as 'indoor' have been tested to a protection rating of IP24D and have not been subjected to salt mist testing, they are suitable for weather protected areas only</li> <li>3) The devices designated as 'outdoor' have been tested to a protection rating of IP67 and have been subjected to salt mist testing in accordance with IEC 60068-2-52 Test Kb</li> <li>4) The devices have been tested to the prescribed vibration levels for general use.</li> </ol> <p>This Certificate does not apply to equipment which has been varied or modified from the systems tested. The manufacturer must submit modified equipment for consideration by this Agency prior to any modifications being made to equipment supplied to market.</p> <p>This certificate does not entitle the manufacturer to place the EU mark of conformity (Wheel mark) and Notified body number on the product, unless conformity assessment module D or E or F have been carried out in addition to Module B</p>												

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