

# Kitemark™ Certificate

This is to certify that:

Kentec Electronics Limited  
Unit 25-27 Dartford Trade Park  
Fawkes Avenue  
Questor  
Dartford  
DA1 1JQ  
United Kingdom

Holds Certificate Number:

KM 96761

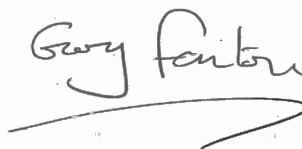
In respect of:

**BS EN 54-2, BS EN 54-4 & BS EN 12094-1  
Control and Indicating Equipment and Power Supply Equipment, Electrical Automatic Control and  
Delay Devices for Gas Extinguishing Systems**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:



\_\_\_\_\_  
Gary Fenton, Global Product Certification Director

First Issued: 19/10/2005

Latest Issue: 15/12/2015



Page: 1 of 7

...making excellence a habit.™

# Kitemark™ Certificate

No. KM 96761

**BS EN 12094-1:2003, BS EN 54-2:1997 and BS EN 54-4:1998 + A1.**

## **Sigma XT series**

<b>Model Reference</b>	<b>Type</b>
K11031M2	Class A, Single area Fire Extinguishing Control Panel Surface mounting
K11031F2	Class A, Single area Fire Extinguishing Control Panel Flush mounting

Certified for use with Apollo, Fulleon, Hochiki, Nittan, Notifier and MorleyIAS System Sensor and KAC fire Detection and alarm products and MTL7778ac and MTL5561 intrinsically safe barriers.

The Sigma XT is certified when fitted with Swedish Keyswitch.

The Sigma XT is also suitable for use with the following units:

<b>Model Reference</b>	<b>Type</b>
K911000M8	6 lamp status unit surface
K911000F8	6 lamp status unit flush
K911100M8	6 lamp status unit with mode select keyswitch surface
K911100F8	6 lamp status unit with mode select keyswitch flush
K911010M8	6 lamp status unit with manual release surface
K911010F8	6 lamp status unit with manual release flush
K911110M8	6 lamp status unit with mode select keyswitch and manual release surface
K911110F8	6 lamp status unit with mode select keyswitch and manual release flush
W911000W8	IP65 - 6 lamp status unit surface
W911100W8	IP65 - 6 lamp status unit surface with mode select keyswitch surface
W911110W8	IP65 - 6 lamp status unit with mode select keyswitch and manual release surface
K91000M10	Extinguishant hold off switch unit - green button
KB91000M10	Extinguishant hold off switch unit - red button

First Issued: 19/10/2005

Latest Issue: 15/12/2015

Page: 2 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.  
To check its validity telephone +44 (0) 845 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.

# Kitemark™ Certificate

No. KM 96761

## Options with requirements

Certified with the following options with requirements from BS EN 54-2:1997

Output to fire alarm devices (clause 7.8)  
Delays to outputs (clause 7.11)  
Test condition (clause 10)

Certified with the following options with requirements from BS EN 12094-1:2003

Delay of extinguishing signal (clause 4.17)  
Signal representing the flow of extinguishing agent (clause 4.18)  
Monitoring of the status of components (clause 4.19)  
Emergency hold device (clause 4.20)  
Control of flooding time (clause 4.21)  
Manual only mode (clause 4.23)  
Triggering signals to equipment within the system (clause 4.24)  
Triggering signals to equipment outside the system (clause 4.26)  
Activation of alarm devices with different signals (clause 4.30)



First Issued: 19/10/2005

Latest Issue: 15/12/2015

Page: 3 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.  
To check its validity telephone +44 (0) 845 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.

# Kitemark™ Certificate

No. KM 96761

**BS EN 12094-1:2003, BS EN 54-2:1997 + A1:2006 and BS EN 54-4:1997 + A1:2003 & A2:2006.**

## **Sigma XT+ series**

<b>Model Reference</b>	<b>Type</b>
K21001M2	Class A, Single area extinguishing control unit
K21021M3	Class A, Two zone, single area extinguishing control panel
K21041M3	Class A, Four zone, single area extinguishing control panel
K21042M3	Class A, Four zone, two area extinguishing control panel
K21081M3	Class A, Eight zone, single area extinguishing control panel
K21082M3	Class A, Eight zone, two area extinguishing control panel
K21083M4	Class A, Eight zone, three area extinguishing control panel
K21084M4	Class A, Eight zone, four area extinguishing control panel

Certified for use with Apollo series 30, 60 & 65, Fulleon, Hochiki, Nittan, Notifier and MorleyIAS ECO1000, KAC fire detection and alarm products and MTL7778ac and MTL5561 intrinsically safe barriers.

The Sigma XT+ is certified when fitted with Swedish Keyswitch.

The Sigma XT+ is also suitable for use with the following units:

<b>Model Reference</b>	<b>Type</b>
K911000M8	6 lamp status unit surface
K911000F8	6 lamp status unit flush
K911100M8	6 lamp status unit with mode select keyswitch surface
K911100F8	6 lamp status unit with mode select keyswitch flush
K911010M8	6 lamp status unit with manual release surface
K911010F8	6 lamp status unit with manual release flush
K911110M8	6 lamp status unit with mode select keyswitch and manual release surface
K911110F8	6 lamp status unit with mode select keyswitch and manual release flush
W911000W8	IP65 - 6 lamp status unit surface
W911100W8	IP65 - 6 lamp status unit surface with mode select keyswitch surface

First Issued: 19/10/2005

Latest Issue: 15/12/2015

Page: 4 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.  
To check its validity telephone +44 (0) 845 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.

# Kitemark™ Certificate

No. KM 96761

<b>Model Reference</b>	<b>Type</b>
W911110W8	IP65 - 6 lamp status unit with mode select keyswitch and manual release surface
K91000M10	Extinguishant hold off switch unit - green button
KB91000M10	Extinguishant hold off switch unit - red button

## Options with requirements

Certified with the following options with requirements from BS EN 54-2:1997

Output to fire alarm devices (clause 7.8)  
Delays to outputs (clause 7.11)  
Test condition (clause 10)

Certified with the following options with requirements from BS EN 12094-1:2003

Delay of extinguishing signal (clause 4.17)  
Signal representing the flow of extinguishing agent (clause 4.18)  
Monitoring of the status of components (clause 4.19)  
Emergency hold device (clause 4.20)  
Control of flooding time (clause 4.21)  
Manual only mode (clause 4.23)  
Triggering signals to equipment outside the system (clause 4.26)  
Emergency abort device (clause 4.27)  
Activation of alarm devices with different signals (clause 4.30)

First Issued: 19/10/2005

Latest Issue: 15/12/2015

Page: 5 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.  
To check its validity telephone +44 (0) 845 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.

# Kitemark™ Certificate

No. KM 96761

**BS EN 12094-1:2003, BS EN 54-2:1997 + A1:2006 and BS EN 54-4:1997 + A1:2003 & A2:2006**

**Syncro XT+  
K31000 & K32000 Series**

<b>Model Reference</b>	<b>Type</b>
A31161M3	Class A, 1 loop, 1 Area Extinguishant Control Panel
A32161M3	Class A, 2 loop, 1 Area Extinguishant Control Panel
A31162M3	Class A, 1 loop, 2 Area Extinguishant Control Panel
A32162M3	Class A, 2 loop, 2 Area Extinguishant Control Panel
A31163M4	Class A, 1 loop, 3 Area Extinguishant Control Panel
A32163M4	Class A, 2 loop, 3 Area Extinguishant Control Panel
A31164M4	Class A, 1 loop, 4 Area Extinguishant Control Panel
A32164M4	Class A, 2 loop, 4 Area Extinguishant Control Panel
H31161M3	Class A, 1 loop, 1 Area Extinguishant Control Panel
H32161M3	Class A, 2 loop, 1 Area Extinguishant Control Panel
H31162M3	Class A, 1 loop, 2 Area Extinguishant Control Panel
H32162M3	Class A, 2 loop, 2 Area Extinguishant Control Panel
H31163M4	Class A, 1 loop, 3 Area Extinguishant Control Panel
H32163M4	Class A, 2 loop, 3 Area Extinguishant Control Panel
H31164M4	Class A, 1 loop, 4 Area Extinguishant Control Panel
H32164M4	Class A, 2 loop, 4 Area Extinguishant Control Panel
V31161M3	Class A, 1 loop, 1 Area Extinguishant Control Panel
V32161M3	2 loop, 1 Area Extinguishant Control Panel
V31162M3	Class A, 1 loop, 2 Area Extinguishant Control Panel
V32162M3	Class A, 2 loop, 2 Area Extinguishant Control Panel
V31163M4	Class A, 1 loop, 3 Area Extinguishant Control Panel

First Issued: 19/10/2005

Latest Issue: 15/12/2015

Page: 6 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.  
To check its validity telephone +44 (0) 845 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.

# Kitemark™ Certificate

No. KM 96761

<b>Model Reference</b>	<b>Type</b>
V32163M4	Class A, 2 loop, 3 Area Extinguishant Control Panel
V31164M4	Class A, 1 loop, 4 Area Extinguishant Control Panel
V32164M4	Class A, 2 loop, 4 Area Extinguishant Control Panel

Certified for use with Apollo, Hochiki, and Argus Vega fire detection and alarm products

Prefix A = Apollo Protocol, H = Hochiki Protocol & V = Argus Vega Protocol

The following Sigma Si status units are compatible for use with the K31000 & K32000 models in Table 1:

K911000M8 6 lamp status unit surface  
K911000F8 6 lamp status unit flush  
K911100M8 6 lamp status unit with mode select keyswitch surface  
K911100F8 6 lamp status unit with mode select keyswitch  
K911010M8 6 lamp status unit with manual release surface  
K911010F8 6 lamp status unit with manual release flush  
K911110M8 6 lamp status unit with mode select keyswitch and manual release surface  
K911110F8 6 lamp status unit with mode select keyswitch and manual release flush  
W911000W8 IP65 - 6 lamp status unit surface  
W911100W8 IP65 - 6 lamp status unit surface with mode select keyswitch surface  
W911110W8 IP65 - 6 lamp status unit with mode select keyswitch and manual release surface

## Options with requirements

Certified with the following options with requirements from BS EN 54-2:1997

Output to fire alarm devices (clause 7.8)  
Delays to outputs (clause 7.11)  
Test condition (clause 10)

Certified with the following options with requirements from BS EN 12094-1:2003

Delay of extinguishing signal (clause 4.17) – up to 60 seconds  
Signal representing the flow of extinguishing agent (clause 4.18)  
Monitoring of the status of components (clause 4.19)  
Emergency hold device (clause 4.20)  
Control of flooding time (clause 4.21)  
Manual only mode (clause 4.23)  
Triggering signals to equipment outside the system (clause 4.26)  
Emergency abort device (clause 4.27)  
Activation of alarm devices with different signals (clause 4.30)

First Issued: 19/10/2005

Latest Issue: 15/12/2015

Page: 7 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.  
To check its validity telephone +44 (0) 845 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.