



Kitemark™ Licence

This is to certify that:

Kentec Electronics Limited

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

Holds Kitemark Licence Number:

KM 73505

In respect of:

**BS EN 54-2 & BS EN 54-4
Fire Panel & Power Supplies**

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 Licence 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 Licence provided at or from the above address.

For and on behalf of BSI:

Gary Fenton, Global Assurance Director

First Issued: 5/08/2003

Latest Issue: 21/11/2013



No. KM 73505

BS EN 54-2:1997 + A1 + AC and BS EN 54-4:1998 + A1 & A2

Model	Type
K11020M2	Sigma CP 2 Zone Conventional Control and Indicating Equipment
K11040M2	Sigma CP 4 Zone Conventional Control and Indicating Equipment
K11080M2	Sigma CP 8 Zone Conventional Control and Indicating Equipment
T11020M2	Sigma CP 2 Zone Conventional 2 Wire Control and Indicating Equipment
T11040M2	Sigma CP 4 Zone Conventional 2 Wire Control and Indicating Equipment
T11080M2	Sigma CP 8 Zone Conventional 2 Wire Control and Indicating Equipment

Certified for use with Apollo series 30, 60 & 65, Apollo Sav-Wire, Fulleon, Hochiki, HochikiSav-Wire, Nittan, Notifier and MorleyIAS ECO1000, KAC fire detection and alarm devices and MTL7778ac and MTL5561 intrinsically safe barriers. Also, certified as suitable for use with the Sigma CP-R repeater and ancillary board.

The Sigma CP is certified when fitted with Swedish Keyswitch.

Options with requirements

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

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

First Issued: 5/08/2003

Latest Issue: 21/11/2013

No. KM 73505

BS EN 54-2:1997 + A1 + AC and BS EN 54-4:1998 + A1 & A2

Model	Type
KA11020M2	Sigma CP-A 2 Zone Conventional 2 Wire Control and Indicating Equipment
KA11040M2	Sigma CP-A 4 Zone Conventional 2 Wire Control and Indicating Equipment
KA11080M2	Sigma CP-A 8 Zone Conventional 2 Wire Control and Indicating Equipment

Certified for use with Apollo AlarmSense detectors, manual call points, sounders and detector/sounders to the same pair of wires. Also, certified as suitable for use with the Sigma CP-R repeater and ancillary board.

Options with requirements

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

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

First Issued: 5/08/2003

Latest Issue: 21/11/2013

Page 3 of 6

No. KM 73505

BS EN 54-2:1997 + A1 + AC and BS EN 54-4:1998 + A1 & A2

Model	Type
Syncro	2 Loop Analogue Addressable Control and Indicating Equipment
Syncro	2 Loop 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro	2 Loop 48 Zone Analogue Addressable Control and Indicating Equipment
Syncro	2 Loop 96 Zone Analogue Addressable Control and Indicating Equipment
Syncro	4 Loop Analogue Addressable Control and Indicating Equipment
Syncro	4 Loop 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro	4 Loop 48 Zone Analogue Addressable Control and Indicating Equipment
Syncro	4 Loop 96 Zone Analogue Addressable Control and Indicating Equipment

Certified for use with Apollo xplorer, XP95, Discovery, Hochiki ESP and Argus Vega fire detection and alarm devices and in both Flush and Surface mountable enclosure types.

The Syncro range of CIE are certified with an integral S232SYN printer, enable key switch, integral or external PSE and when fitted with Swedish Keyswitch.

Certified for use with the following optional boards:

S545 4 Way Zone Card
S546 6 Way Sounder Card
S547 8 Way Relay Card
S555 Network Card
S560 16 Channel I/O Card

Options with requirements

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

Output to fire alarm devices (clause 7.8)
Output to fire alarm routing equipment (clause 7.9.1)
Output type A (clause 7.10.1)
Delays to outputs (clause 7.11)
Type C dependency (clause 7.12.3)
Fault signals from points (clause 8.3)
Disabling of addressable points (clause 9.5)
Test condition (clause 10)

First Issued: 5/08/2003

Latest Issue: 21/11/2013

No. KM 73505

BS EN 54-2:1997 + A1 + AC and BS EN 54-4:1998 + A1 & A2

Model	Type
Syncro AS	1 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro AS Lite	1 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro AS Marine	1 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro AS	2 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment
Syncro AS Marine	2 Loop, 16 Zone Analogue Addressable Control and Indicating Equipment

Certified for use with Apollo xplorer, XP95, Discovery, Hochiki ESP and Hochiki America and Argus Vega fire detection and alarm devices and in both Flush and Surface mountable enclosure types. The Syncro AS is certified when fitted with Swedish Keyswitch.

Certified for use with the following optional boards:

S545 4 Way Zone Card
S546 6 Way Sounder Card
S547 8 Way Relay Card
S555 Network Card
S560 16 Channel I/O Card

Options with requirements

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

Output to fire alarm devices (clause 7.8)
Delays to outputs (clause 7.11)
Type C dependency (clause 7.12.3)
Fault signals from points (clause 8.3)
Disabling of addressable points (clause 9.5)
Test condition (clause 10)

First Issued: 5/08/2003

Latest Issue: 21/11/2013

No. KM 73505

BS EN 54-4:1998

Model	Type
ENK15400 01	4 Amp Standalone Switch Mode Power Supply Equipment incorporating ENS400 chassis PSE

BS EN 54-4:1998 + A1 & A2

Model	Type
K2540003	4A Standalone Power Supply Equipment suitable for use with up to 12Ah batteries without dual power output board
K25400M3	4A Standalone Power Supply Equipment suitable for use with up to 17.2Ah batteries without dual power output board
K2540015	4A Standalone Power Supply Equipment suitable for use with up to 26Ah batteries without dual power output board
K25250M2	2.5A Standalone Power Supply Equipment suitable for use with up to 7Ah batteries without dual power output board
K2525003	2.5A Standalone Power Supply Equipment suitable for use with up to 12Ah batteries without dual power output board
K25250M3	2.5A Standalone Power Supply Equipment suitable for use with up to 17.2Ah batteries without dual power output board
KD2540003	4A Standalone Power Supply Equipment suitable for use with up to 12Ah batteries with dual power output board
KD25400M3	4A Standalone Power Supply Equipment suitable for use with up to 17.2Ah batteries with dual power output board
KD2540015	4A Standalone Power Supply Equipment suitable for use with up to 26Ah batteries with dual power output board
KD25250M2	2.5A Standalone Power Supply Equipment suitable for use with up to 7Ah batteries with dual power output board
KD2525003	2.5A Standalone Power Supply Equipment suitable for use with up to 12Ah batteries with dual power output board
KD25250M3	2.5A Standalone Power Supply Equipment suitable for use with up to 17.2Ah batteries with dual power output board

Note: This series of power supply equipment operate from a mains input of 230V AC or 110V AC, link selectable.

First Issued: 5/08/2003

Latest Issue: 21/11/2013