

K-System

Addressable Fire Detection

 Kentec

Introduction

Kentec's K-System range complements our panels, ensuring a robust and future-proof fire safety solution. Designed to meet the most demanding environments, the range offers:

- High-quality, reliable performance for long-term peace of mind.
- Simple installation for quicker commissioning.
- Secure open protocol flexibility for greater choice in system design.
- Reduced cost of ownership over the system's lifecycle.
- Minimised false alarms, enhancing operational efficiency.
- Full compliance with international standards.
- Advanced error detection and data integrity features.
- Variable sensitivities, volumes, and tones for customised performance.
- Extended addressing and sub-addressing for streamlined wiring and enhanced control.





Unparalleled System Integration

When paired with our panels, K-System delivers superior system performance:



Unique identification ensures precise system responses.



Guarantees a rapid response from any loop device.



A diverse range of detection devices, interface modules, and audible/visual warning devices.

By combining Kentec's market-leading fire panels with our trusted range of devices, we deliver fire safety systems that exceed expectations for reliability, flexibility, and performance.

DETECTORS

K-System Addressable Detectors are a perfect match for our panels, offering exceptional reliability and functionality. The range includes:

- Optical smoke detectors.
- Heat detectors.
- Multi-criteria detectors (smoke and heat).
- Multi-criteria detectors with CO detection.

Key Features:

- Electronics-free mounting base simplifies ordering, stock management, and installation.
- Quick electronic addressing using a handheld programmer – no mechanical adjustments needed.
- Subtle markings and casing options in white or black for seamless integration with any project.
- Enhanced features such as extended addressing, adjustable sensitivity, and drift compensation.
- Fully approved to EN54 standards for assured quality.

Some products are available in a range of colours, and where appropriate, a colour swatch is shown next to these products denoting which colours are available.

○ White ● Black





KS-OPT

A Photoelectric (Optical) Smoke Sensor, which is fully compatible with Hochiki's ESP protocol and Kentec's Taktis and Syncro AS product ranges.

The KS-OPT incorporates high performance chamber technology ensuring optimal performance. The chamber technology allows the sensor threshold level to be increased thereby improving the signal to noise ratio and reducing susceptibility to false alarms.

- Removable, High Performance Chamber
- Twin LEDs allow 360° viewing of detector status
- Locking mechanism (sensor to base)
- Variable sensitivity
- Electronically addressed
- Optional polling indication controlled by Kentec panel
- LPCB approved to EN54 part 7

Available variants:

Black body - **ALN-EN(BLK)**



KS-HEAT

A Heat Sensor which is fully compatible with Hochiki's ESP protocol and Kentec's Taktis and Syncro AS product ranges.

When used with the Kentec Taktis and Syncro AS control panels, flexibility through panel configuration settings regarding operating modes and temperature thresholds are provided.

12 panel configurable operating modes are provided, enabling sensor performance to be optimised to its environment.

- 12 panel configurable modes
- Incorporates Fixed Temperature and Rate Of Rise Heat elements
- Twin LEDs allow 360° viewing of detector status
- Locking mechanism (sensor to base)
- Electronically addressed
- LPCB approved to EN54 part 5

Available variants:

Black body - **ATJ-EN(BLK)**



KS-MULTI

A Multi-Sensor device incorporating a high performance photoelectric smoke chamber and thermal sensing element.

Three configurable modes of operation are available which are controlled through the control panel. The sensor can operate as a smoke or a heat detector or a combined smoke and heat detector which requires both elements to activate.

- Configurable operating modes
- Incorporates Optical & Heat elements
- Removable, High Performance Chamber
- Twin LEDs allow 360° viewing of detector status
- Locking mechanism (sensor to base)
- Optional polling indication controlled by Kentec panel
- Variable sensitivity
- Electronically addressed
- Heat detector classifications A1 & C
- LPCB approved to EN54 parts 5, 7 & 29

Available variants:

Black body - **ACC-EN(BLK)**



KS-MULTI-CO*

A Multi-Sensor incorporating smoke, heat and CO (Carbon Monoxide) sensing elements.

KS-MULTI-CO detects CO generated by a fire but also is capable of detecting the sustained presence of CO toxicity.

24 modes of operation can be selected through the Taktis control panel along with configurable sensitivity settings to provide optimum performance to suit the environment.

- 24 EN-approved modes of operation
- Heat, Optical and CO sensing elements
- 10 year CO sensor life
- Adjustable alarm sensitivities
- Twin fire LEDs allow 360° viewing of detector status
- Optional polling indication controlled via Kentec panel
- Variable sensitivity
- Electronically addressed
- LPCB approved to EN54 parts 5, 7, 26, 29, 30, 31 and CEA4021

*Taktis only



KS-OPT-SCI

A Photoelectric (Optical) Smoke Sensor with built-in Short Circuit Isolator (SCI), fully compatible with Hochiki's ESP Analogue Addressable Protocol and Kentec's Taktis and Syncro AS product ranges.

The KS-OPT-SCI incorporates high performance chamber technology ensuring optimal performance. The chamber technology allows the sensor threshold level to be increased thereby improving the signal to noise ratio and reducing susceptibility to false alarms.

- Removable, High Performance Chamber
- Twin LEDs allow 360° viewing of detector status
- Locking mechanism (sensor to base)
- Integral SCI
- Variable sensitivity
- Optional polling indication controlled by Kentec pane
- Electronically addressed
- LPCB approved to EN54 parts 7 & 17



KS-HEAT-SCI

A heat Sensor with a built-in SCI, which is fully compatible with Hochiki's ESP protocol and Kentec's Taktis and Syncro AS product ranges.

When used the with the Kentec Taktis and Syncro AS control panels flexibility through panel configuration settings regarding operating modes and temperature thresholds are provided.

12 panel configurable operating modes are provided, enabling sensor performance to be optimised to its environment.

- 12 panel configurable operating modes
- Incorporates Fixed Temperature and Rate of Rise Heat elements
- Twin LEDs allow 360° viewing of detector status
- Optional polling indication controlled by Kentec panel
- Electronically addressed.
- LPCB approved to EN54 parts 5& 17



KS-MULTI-SCI

A Multi-Sensor device incorporating both a high performance photoelectric smoke chamber, thermal sensing element and built-in SCI.

The KS-MULTI-SCI is fully compatible with Hochiki's ESP Analogue Addressable Protocol and Kentec's Taktis and Syncro AS product ranges.

Three configurable modes of operation are available which are controlled through the control panel. The sensor can operate as a smoke or a heat detector or a combined smoke and heat detector which requires both elements to activate.

- Configurable operating modes
- Incorporates Optical & Heat elements
- Removable, High Performance Chamber
- Optional polling indication controlled by Kentec panel
- Twin LEDs allow 360° viewing of detector status
- Variable sensitivity
- Electronically addressed
- LPCB approved to EN54 parts 5, 7, 17 & 29



KS-BASE-3T

The standard mounting base for use with K-System sensors.

The KS-BASE-3T allows wiring installation to be completed and checked prior to fitting the sensor. Square cable clamps are provided for secure and reliable cable termination.

Wiring terminals are provided to support connection of a remote status indicator where detectors may not be visible i.e. floor or ceiling voids.

- Electronics free
- Stainless steel contacts
- Takes 2.5mm² cables
- Slim profile - only 8mm
- Rugged wiring contacts
- Facility for remote indicator
- Quick Connection via square cable clamps

Available variants:

Black version - YBN-R/3(BLK)



KS-BASE-3T-SCI

A K-System sensor mounting base with a built-in SCI.

The base is compatible with K-System sensor types which do not have built-in SCI and provides isolation of a short circuit on the addressable loop, allowing the loop to continue functioning.

The KS-BASE-3T-SCI allows wiring installation to be completed and checked prior to fitting the sensor. Square cable clamps are provided for secure and reliable cable termination.

Wiring terminals are provided to support connection of a remote status indicator where detectors may not be visible i.e. floor or ceiling voids.

- Built-in SCI
- Stainless steel contacts
- Takes up to 25mm² cables
- Rugged wiring contacts
- Facility for remote indicator
- Quick connection via square cable clamps
- LPCB approved to EN54 part 17



KS-BASE-4T

A mounting base designed for use with K-System sensors with built in SCI.

The KS-BASE-4T enables a first fix installation of wiring and bases with simple fitting of the sensor when site conditions allow. Square cable clamps are provided for secure and reliable cable termination.

The KS-BASE-4T does not provide Short Circuit Isolation it only enables the use of SCI on an SCI sensor.

Wiring terminals are provided to support connection of a remote status indicator where detectors may not be visible i.e. floor or ceiling voids.

- Electronics free
- Stainless steel contacts
- Takes 2.5 mm² cables
- Slim profile - only 8mm
- Rugged wiring contacts
- Facility for remote indicator
- Quick Connection via square cable clamps
- Fourth terminal enables SCI functionality

AUDIO/VISUAL WARNING DEVICES

Kentec panels are fully compatible with our range of addressable alarm devices, including sounders, beacons, and combination units.

Key Features:

- Loop-powered devices with 51 EN54-approved tones.
- Base sounders & base sounder beacons automatically adopt an address from the attached sensor, streamlining installation.
- Independent control of sound and light outputs for enhanced flexibility.
- EN54-23 approved Visual Alarm Devices (VADs).

Some products are available in a range of colours, and where appropriate, a colour swatch is shown next to these products denoting which colours are available.

○ White ● Black ● Red





KS-WSND2-RED

An addressable loop powered wall mounting sounder providing audible alarm indication to building occupants.

KS-WSND2-RED provides 51 EN54-3 compatible tones which can be configured through the Kentec control panels configuration settings.

- Loop Powered
- Requires single loop address
- Electronically addressed
- Red body
- LPCB approved to EN54 part 3
- Variable Sound Output 90 ~ 102 dB(A) (± 2 dB(A)) @ 1 metre
- Auto-Shutdown feature*
- Weatherproof Kit available

Available variants:

White body - **CHQ-WS2(WHT)**



KS-BSND

An addressable loop powered base sounder with an innovative design providing a range of selectable tones and adjustable sound levels.

Tones and volume settings can be configured and adjusted through the Kentec panel configuration settings, 51 EN54-3 compatible tones are provided.

KS-BSND provides a sound output range between 50 - 98 dB(A) with a low current consumption.

- Loop Powered
- Requires single loop address
- Electronically addressed
- LPCB approved to EN54 part 3
- Variable Sound Output 50 ~ 98 dB(A) (± 2 dB(A)) output @ 1 metre
- 51 EN54-3 compatible tone selectable through panel configuration settings
- Auto-Shutdown feature*

Available variants:

Black body - **YBO-BS(BLK)**



KS-BASE-WS-RED

A mounting base compatible with K-System range of wall sounders, sounder/beacons, and the ceiling and wall-mounted VADs (Visual Alarm Devices).

The KS-BASE-WS-RED allows wiring installation to be completed and checked prior to fitting the sounder/sounder beacon. Square cable clamps are provided for secure and reliable cable termination.

- Electronics free
- Stainless steel contacts
- Takes 2.5 mm² cables
- Slim profile - only 13mm
- Rugged wiring contacts
- Quick Connection via square cable clamps

Available variants:

White version - **YBO-R/3(WHT)**



KS-BASE-WS-RED-SCI

An isolator base compatible with the K-System range of wall sounders and sounder beacons, as well as the ceiling and wall mounted VADs (Visual Alarm Devices).

The bases contain a built-in Short Circuit Isolator (SCI) to help minimise the effects of short circuits on loop wiring, an amber led status indicator is provided on the base to indicate when the SCI is active.

Wiring installation can be completed and checked prior to fitting the sounder/sounder beacon or VAD. Square cable clamps are provided for secure and reliable cable termination.

- Detects short circuits on loop wiring
- Status LED
- No loop address required
- Up to 127 SCI bases can be used on a loop
- Quick connection via square cable clamps
- LPCB approved to EN54 part 17

Available variants:

White version - **YBO-R/SCI-WHT-SNDR**

*Taktis only



KS-WSNDB2-RL-RED

An addressable loop powered wall mounting sounder VAD (Visual Alarm Device) providing audible and visual alarm indication to building occupants.

KS-WSNDB2-RL-RED provides 51 EN54-3 compatible tones which can be configured through the Kentec control panels configuration settings.

VAD indication is provided by high intensity red LEDs and is approved to EN54-23 Class 'O' with a flash rate of 0.5Hz.

Features as per KS-WSND2-RED plus:

- Visual Alarm Device 0.5/1Hz flash rate
- High Intensity LED technology
- Sounder and VAD can be controlled independently
- Red body, red LED
- LPCB approved to EN54 3 & 23



KS-BSNDB2-RL

An addressable loop powered base sounder VAD (Visual Alarm Device) providing audible and visual alarm indication to building occupants.

VAD indication is provided by a red LED ring providing 360° coverage and is approved to EN54-23 Class 'O' with a flash rate of 0.5Hz.

KS-BSNDB2-RL provides a sound output range between 50 - 98 dB(A) with a low current consumption.

Features as per KS-BSND plus:

- Visual Alarm Device 0.5/1Hz flash frequency
- Sounder and VAD can be controlled independently



CHQ-WPK

A weatherproof back box and gasket set for K-System wall sounders and wall sounder beacons.

Compatible bases:

KS-WSND2-RED Wall Sounder

KS-WSNDB2-RL-RED Wall Sounder Beacon

- Weatherproof box and gasket
- Increases IP rating of device to IP65 (External use)
- Also available in white
- Easy to install

Available variants

White body - CHQ-WPK(WHT)

Product Code	LED Colour	Case
KS-WSNDB2-RL-RED	Red	Red
CHQ-WSB2/WL	White	Red
CHQ-WSB2(WHT)/WL	White	White
CHQ-WSB2(WHT)/RL	Red	White

Product Code	LED Colour	Case
KS-BSNDB2-RL	Red	White
KS-BSNDB2-WL	White	White
YBO-BSB2(BLK)/WL	White	Black
YBO-BSB2(BLK)/RL	Red	Black



KS-WBEACON

KS-WBEACONs are EN54-23 approved addressable loop powered VADs for mounting on walls. Details of models and approved coverage are provided in the table below. The beacons contain a high intensity LED and a custom designed free-form optic which produces a highly visible flash.

- Loop powered
- Single loop address programmed via TCH-B200
- High Intensity LED technology
- 0.5 Hz flash frequency
- Choice of 2 LED colours (red or white)
- Approved to EN54-23:2010 – Category 'W'
- High efficiency
- Operating voltage 17-41 V DC

Product Code	LED Colour	Case Colour	EN54-23 Rating
KS-WBEACON-RL	Red	White	W-3-10
KS-WBEACON-WL	White	White	W-3-7.5
CHQ-WB(RED)/RL	Red	Red	W-3-10
CHQ-CB(RED)/WL	White	Red	W-3-10



KS-CBEACON

KS-CBEACONs are EN54-23 approved addressable loop powered VADs for mounting on ceilings. Details of models and approved coverage are provided in the table below. The beacons contain a high intensity LED and a custom designed free-form optic which produces a highly visible flash.

- Loop powered
- Single loop address programmed via TCH-B200
- High Intensity LED technology
- 0.5 Hz flash frequency
- Choice of 2 LED colours (red or white)
- Approved to EN54-23:2010 – Category 'C'
- High efficiency
- Operating voltage 17-41 V DC.

Product Code	LED Colour	Case Colour	EN54-23 Rating
KS-CBEACON-RL	Red	White	C-3-7.5
KS-CBEACON-WL	White	White	C-3-7.5
KS-CBEACON-WL-15M	White	White	C-3-10
CHQ-CB(RED)/RL	Red	Red	C-3-7.5
CHQ-CB(RED)/WL	White	Red	C-3-7.5
CHQ-CB(RED)WL-15	White	Red	C-3-10



KS-REM-IND

A loop powered addressable remote indicator using high intensity RED LED's and Fresnel lens design to produce a highly visible signal.

KS-REM-IND can be used to provide remote alarm status for devices which provide a remote indicator output, indicating alarm activation status where the device status LED is generally not visible i.e. located in voids or locked rooms.

- High Intensity LED technology
- Addressable via Hand Held Programmer (TCH-B200)
- Up to 127 devices per loop

Kentec's range of call points and accessories delivers reliable performance and compatibility with our fire alarm panels, ensuring swift and effective fire detection and response.

Key Features:

- Fully approved to EN54 standards for assured quality.
- Designed for simple and efficient installation with intuitive wiring and setup.
- Surface or flush mounted installation to suit any project.

Some products are available in a range of colours, and where appropriate, a colour swatch is shown next to these products denoting which colours are available.

● Red ● Yellow

CALL POINTS & ACCESSORIES



KS-CALL-POINT-SCI

An Addressable Manual Call Point with built-in Short Circuit Isolator (SCI).

The KS-CALL-POINT-SCI provides Manual activation of the fire alarm system by pressing the non-frangible element. The non-frangible element provides easy activation and quick and easy reset following activation using the special test key. The test key can also be used to activate the device without pressing the frangible element

- Fast response
- Integral SCI
- Bi-colour status LED
- Non-frangible element
- Electronically addressed
- Surface or semi-flush mountable
- Optional polling indication controlled by Kentec panel
- LPCB approved to EN54 part 11

Available variants:

Yellow body - HCP-E/Y(SCI)



KS-CALL-POINT-W-SCI

A weatherproof addressable manual call point with built-in SCI.

KS-CALL-POINT-W-SCI provides manual activation of the fire alarm system by pressing the non-frangible element. The non-frangible element provides easy activation and quick and easy reset following activation using the special test key. The test key can also be used to activate the device without pressing the frangible element.

- Fast response
- Integral SCI
- Bi-colour status LED
- Non-frangible element
- Electronically addressed
- Surface mount
- Optional polling indication controlled by Kentec panel
- IP67 rating
- LPCB approved to EN54 part 11



PS200

Hinged cover for Call Point. An acrylic hinged cover for the K-System manual call point range which protects against accidental operation/ vandalism.

- Easy to install
- Protects against accidental activation
- Requirement under BS5839



SR BACKBOX

Call Point Surface Mounting Box for KS-CALL-POINT-SCI.

- Allows addressable call point to be surface mounted

Available variants:

Yellow body - SY MOUNTING BOX



TCH-B200

A Hand Held Address Programmer designed to address the K-System range of Sensors and other intelligent devices such as the KS-BSND Base Sounder. Designed to be light, robust and easy to use it operates from a single PP3 size battery which can provide up to 8000 operations.

- Lightweight design
- Quick and reliable addressing
- Up to 8000 address settings from one battery
- Displays sensor analogue value.

Note: Button colour may vary.



PL-3

Programming lead for addressing K-System manual call points and miniature interface modules. A jack plug provides connection to the TCH-B200 programmer and the 3 way connector fits to the device.

For use with the following K-System devices:

KS-CALL-POINT-SCI

KS-CALL-POINT-W-SCI

KS-SOLO-IN

KS-SOLO-OUT

KS-POWER-OUT

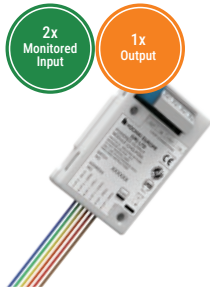
INTERFACE MODULES



Kentec's range of Input/Output Modules integrates seamlessly with our panels, supporting diverse system configurations.

Key Features:

- Single loop address with sub-addressing for multiple channels.
- Range includes modules for sounder circuits, monitored inputs, relays, and conventional zones.
- Fully approved to EN54 standards for assured quality.

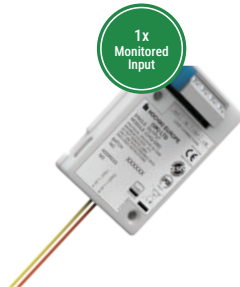


KS-POWER-OUT

An addressable Powered Output Module which allows ancillary equipment to be powered from the loop for example conventional beam detectors or flame detectors.

The module provides a 24 VDC output with an engineer configurable current level, current level can be set through the fire alarm control panel from 2-32mA in 2mA increments. This can be used to power a third party device.

- Loop powered
- Single loop address programmed via TCH-B200
- 24 VDC output with adjustable current level
- 2x Monitored inputs
- Compact design
- Colour coded flying leads for easy installation
- LPCB approved to EN54 part 18

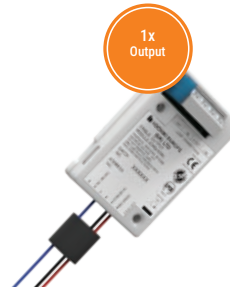


KS-SOLO-IN

An addressable Single Input Module designed to monitor a changeover set of contacts i.e. Relay, keyswitch etc.

The compact design of the enclosure enables it to be installed within third party equipment

- Loop powered
- Single loop address programmed via TCH-B200
- Single Monitored input
- Compact design
- Colour coded flying leads for easy installation
- LPCB approved to EN54 part 18

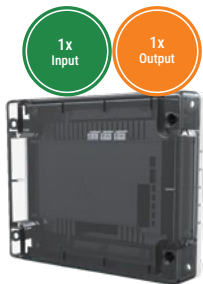


KS-SOLO-OUT

An addressable Single Output Module designed for control of dampers, plant equipment, equipment shutdown, etc.

KS-SOLO-OUT provides a volt free changeover relay output rated 30VDC max at 1 Amp (Resistive load). The relay is provided with three terminals Common, Normally Closed and Normally Open.

- Loop powered
- Single loop address programmed via TCH-B200
- Single Volt Free Relay output
- Compact design
- Colour coded flying leads for easy installation
- LPCB approved to EN54 part 18

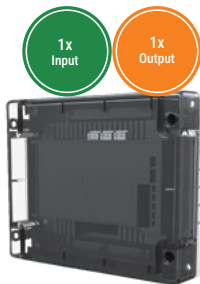


KS-MAINS-OUT-SCI

An addressable Mains Relay Controller designed for control of dampers, plant equipment, equipment shutdown, etc.

The module provides a single mains rated volt free changeover relay output with Common, Normally Closed and Normally Open terminal connections. The relay is rated 250 VAC at 5 Amps (resistive) and 48 VDC at 2 Amps (resistive). The relay can be configured through the control panel configuration to operate in its inverted state i.e. Normally on turns off when active.

- Loop Powered
- Single loop address set via DIL switch
- 2 Sub-addresses
- Single mains rated volt free changeover relay contact
- Relay contact rating - 250 VAC @ 5A (resistive), 48 VDC @ 2A (resistive)
- Auxiliary monitored input configurable as monitored or non-monitored
- Integral Short Circuit Isolator (SCI)
- Can be used with CHQ-BACKBOX
- LPCB approved to EN54 parts 17 & 18

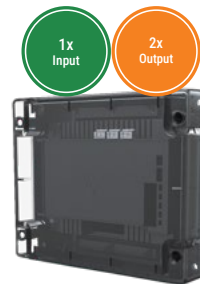


KS-MAINS-OUT-FS-SCI

An addressable Mains Relay Controller designed for control of dampers, fire doors, extractors or plant and equipment shutdown etc.

The module provides a single mains rated volt free changeover relay output with Common, Normally Closed and Normally Open terminal connections. The relay is rated 250 VAC at 5 Amps (resistive) and 48 VDC at 2 Amps (resistive). The relay output is designed to operate as a fail-safe output and when used with the Kentec Taktis control panel will meet the requirements of BS7273-1 Class A for electrically controlled fire and exit doors.

- Loop powered
- Single loop address set via DIL switch
- Provides Fail-safe relay control
- Single mains rated volt free changeover relay
- Relay contact rating 250 VAC @ 5A (resistive), 48 VDC @ 2A (resistive)*
- Auxiliary monitored input configurable as monitored or non-monitored
- Integral SCI
- Can be used with CHQ-BACKBOX
- LPCB approved to EN54 parts 17 & 18

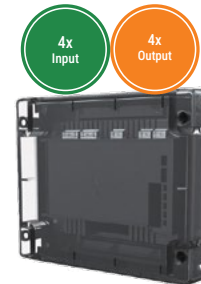


KS-DUAL-OUT-SCI

An addressable Dual Relay Controller designed for control of dampers, plant equipment, equipment shutdown, etc.

The module provides two independently controlled volt free change over relay outputs with Common, Normally Closed and Normally Open terminal connections. Each relay output is rated 1 Amp @ 30VDC.

- Single loop address set via DIL switch
- Loop Powered
- Two independent controlled volt free changeover relays
- 3 sub-addresses
- Relay contacts rated 1A at 30VDC
- One auxiliary input for monitoring normally open contacts
- Auxiliary input configurable as monitored or non-monitored
- Integral SCI
- LPCB approved to EN54 parts 17 & 18



KS-QUAD-IN-OUT-SCI

An addressable interface module providing 4 inputs and 4 outputs for control and monitoring of plant equipment.

Relay outputs are rated 1 Amp @ 30VDC and can be independently programmed for control of smoke dampers or plant and equipment shutdown.

Four monitored inputs are provided for monitoring normally open contacts, which can monitor status signals from the equipment being controlled, local power supply fault outputs etc. Inputs are fully monitored for open and short circuit conditions although monitoring can be turned off for each input individually using DIL switch settings on the module. Inputs can also be configured for inverted operation when using the module on Taktis control panels. This allows monitoring of normally open or normally closed contacts.

- Loop powered
- Single loop address set via DIL switch
- 8 sub-addresses
- 4 Volt Free Change Over relay outputs
- 4 Monitored inputs
- Integral SCI
- LPCB approved to EN54 parts 17 & 18



KS-DUAL-IN-SCI

An addressable Dual Input Module designed to monitor a variety of volt free contacts, such as door contacts, sprinkler flow/pump switches and plant equipment.

The 2 inputs operate independently with individual configurations. Inputs can be configured to monitor either normally open or normally closed contacts by setting the DIL switch on the module.

Inputs can be configured as monitored when the interface is used on the Taktis control panel. When configured as monitored inputs the interface will monitor the input circuits for open and short circuit fault conditions.

- Single loop address set via DIL switch
- Loop powered
- 2 sub addresses
- 2 independent inputs
- Inputs configurable through Taktis panel for monitored or non-monitored operation
- Inputs configurable via DIL switch for monitoring of normally closed or normally open contacts
- Integral SCI
- LPCB approved to EN54 parts 17 & 18



KS-DUAL-ZONE-SCI

An addressable Dual Zone Monitor interface module designed to allow conventional detection devices and manual call points to connect on to an addressable system.

KS-DUAL-ZONE-SCI provides two conventional zone circuit inputs which can support up to 30 Hochiki conventional detectors/Manual Call Points per circuit.

Zone circuits support a number of End of Line (EOL) options - Resistive EOL, Zener EOL or Active EOL.

- Loop powered
- 2 sub-addresses
- Single loop address set via DIL switch
- Two independent conventional detection zones
- Zone circuits fully monitored
- Two remote indicator outputs
- Integral SCI
- Can be used with CHQ-BACKBOX
- LPCB approved to EN54 parts 17 & 18



KS-DUAL-ZONE-SCI-IS

An addressable Dual Zone Monitor interface module designed to allow either Standard or Intrinsically Safe (IS) conventional detection devices and manual call points to connect on to an addressable system.

KS-DUAL-ZONE-SCI-IS provides two conventional zone circuit inputs which can support up to 30 standard Hochiki conventional detectors per circuit or up to 20 Hochiki IS conventional detectors/Manual Call Points per circuit.

- Loop powered
- 2 sub-addresses
- Single loop address set via DIL switch
- Two independent conventional detection zones supporting IS (Intrinsically Safe) devices
- Zone circuits fully monitored
- Requires compatible IS barrier
- Two remote indicator outputs
- Integral SCI
- Can be used with CHQ-BACKBOX
- LPCB approved to EN54 parts 17 & 18

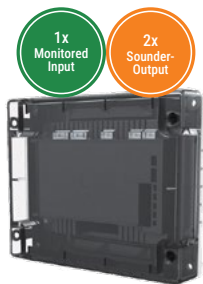


KS-SOLO-ZONE-SCI

An addressable Zone Monitor interface module designed to allow conventional detection devices and manual call points to connect on to an addressable system.

KS-SOLO-ZONE-SCI provides a single conventional zone circuit input which can support up to 6 Hochiki conventional detectors/Manual Call Points per circuit.

- Loop powered
- Single Conventional zone circuit
- 1 sub-address
- Supports up to 6 Hochiki conventional detectors
- Zone circuits fully monitored
- Remote LED output
- Integral SCI
- Can be used with CHQ-BACKBOX
- LPCB approved to EN54 parts 17 & 18



KS-DUAL-SND-SCI

An addressable dual Sounder Controller, which provides two independently controlled sounder circuits on the addressable loop.

Sounder outputs are each fused at 1A and are fully monitored for open and short circuit fault conditions. Sounder outputs can be continuous or pulsed operation under synchronisation of the fire alarm panel with other sounders on the same loop.

- Single loop address set via DIL switch
- 3 sub addresses
- Requires auxiliary 24VDC power supply
- Two independent sounder outputs
- Each sounder output is fused at 1 Amp
- Outputs fully monitored
- Continuous or pulsed operation
- Auxiliary monitored input
- Integral SCI
- LPCB approved
- Optional IP65 backbox complies with BS7671



KS-4-20-MA*

An addressable input module designed to allow equipment which provides a 4-20mA signal to connect to an addressable loop.

KS-4-20-MA provides two independent 4-20mA inputs which can be used to monitor equipment which provide a 4-20mA output, such as gas detectors, flame detectors and many types of industrial equipment.

Each input can be configured with up to 5 input states through control panel configuration settings, the 4-20mA threshold at which these activate are determined by four configurable activation thresholds.

- Loop powered
- Single loop address set via DIL switch
- 12 sub addresses
- 2 independent inputs for monitoring equipment with 4-20mA outputs
- Configurable activation states per input
- 4 selectable thresholds per input
- Two remote indicator outputs
- Can be used with CHQ-BACKBOX
- LPCB approved



CHQ BACKBOX

An accessory for use with the range of standard interface module where glanded cabling is required. When used in combination with CHQ-BOX LID(WHT) it will increase the IP rating of the interface module to IP65.



CHQ BACK-LID

A white lid which can be used as an alternative to the semi-opaque lid provided with the standard interface modules. When used in combination with the CHQ-BACKBOX it will increase the IP rating of the interface module to IP65.

*Taktis only



Safe in Our Hands

Protection of people, building and assets from a fire is a paramount concern to any organisation. Keeping a site safe is not the only priority but with the risk of physical damage and financial loss resulting from a fire, there is also the risk to operational performance and reputation, so a reliable and responsive fire system that can respond rapidly to any situation is required.

A Global Supplier

Kentec Electronics is one of the world's leading life safety solutions manufacturers of conventional, analogue addressable fire detection and extinguishant control panels. Founded in 1985, Kentec is an end-to-end manufacturer, with facilities covering production, R&D and office administration at its HQ.

Kentec provides technical support specified to the local standards and customer requirements of over 90 countries worldwide. With a commitment to meeting the needs of individual national markets, Kentec has achieved a global reputation, resulting in its life safety systems being installed in numerous prestigious sites across the world.

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