FireClass

Introducing a new class of fire detection

Fire Detection Product Catalogue

FIRECLASS

For more information about
FireClass fire detection technology visit:
www.fireclass.net
or contact us at
FireClassEnquiries@tycoint.com

FireClass locations at:

Via Gabbiano 22
Zona Industriale S. Scolastica
64013 Corropoli (TE)
Italy

FireClassEnquiries@tycoint.com

Unit 6, West Point Enterprise Park
Clarence Avenue
Trafford Park
Manchester
M17 1QS
United Kingdom

Hillcrest Business Park
Cinderbank, Dudley
West Midlands
DY2 9AP
United Kingdom

Tel: +44 (0)1384 453985
Fax: +44 (0)1384 458972

www.fireclass.net
FireClassEnquiries@tycoint.com

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right to modify at any time the characteristics of the products here represented.

Some products are not available in all countries. Contact your local distributor for details.

FIRECLASS

What is FireClass?

FireClass is a revolutionary new class of commercial fire detection products.

FireClass consists of a comprehensive range of fully approved quailty products designed and manufactured in Europe.

FireClass is designed to appeal to both the end user and installer with the latest fire detection technology packaged in an easy to install, flexible solution.

A new class of fire detection designed to meet all of your needs from a single supplier.

Comprehensive Range

FireClass provides a broad range of detection solutions. FireClass conventional fire detection products range from the low cost J408-2 2 zone panel to the expandable 24 zone J424 Panel.

These are complemented by an enviable range of conventional fire detectors and accessories focussed on providing comprehensive protection and minimum false alarms.

FireClass addressable fire detection product range includes the easily installed out of the box FC501 and the FC510 and FC520 one or two loop panels with a simple and free Graphic maps software.

FireClass addressable uses a powerful digital protocol for high reliability and flexibility in installation.

FireClass - A New Class of Fire Detection...

Fully Approved

In order to ensure peace of mind for both the installer and end user, FireClass products are third party approved and certified to relevant European standards. FireClass approvals go beyond the minimum requirements including, EN54 detector approval in all detection modes and the J408 and J424 Panels having EN54-2, EN54-4 and EN12094-1 approval.

Digital Protocol

Developed originally for the harsh marine environment FireClass uses a robust digital protocol that supports various wiring configurations to simplify installation and retrofit applications often problematic for competitors protocols.

Easy to Install

Ease of installation and engineering underpins the concept of FireClass. It runs through all the products. For example panel installation is simplified by allowing electronics to be easily removed for first fix and simple user friendly configuration software and fault finding tools speed up commissioning.

Field device installation is simplified through the flexibility of the FireClass digital protocol and other features such as the ceiling tile adaptor that can significantly speed up detector installation.

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FireClass 500 Addressable Range

FireClass 500 Addressable Range
A new class of Fire Detection

FireClass 500 Addressable Range

Advantage of simplicity

The FireClass 500 systems are simple to install and easy to use. Innovative software tools are provided to simplify all stages of a project from system design to final commissioning. The new FC501 panel is an out of the boxtriple circuit single loop panel featuring auto addressing and Intelli-Zone feature combining the semplicity of a conventional system with the power of the addressable technology. The Fireclass 500 system's large clear panel displays and optional real-time graphics system provide the user with accurate information of fire and related events.

Flexible choice

A high degree of flexibility across the FireClass range makes it suitable for a variety of small to medium size applications. Three versions are available from the entry level stand alone panel with 128 addresses to the 1 or 2 loops panels, with 250 devices per loop. The ability to network (via RS485) up to 8 repeaters and up to 8 panels in a master-slave network means that a single system can monitor up to 4000 sensors /devices.

Fully approved

In order to ensure peace of mind for both the installer and end user, FireClass products are third party approved and certified to relevant European standards. FireClass approvals go beyond the minimum requirements including EN54 approval of IP and Telecom module, EN54 detector approval in all detection modes.

Resistance to false alarms

The range includes a high quality Optical smoke detector together with various multi sensor devices that provide the installer with the most appropriate detection technology for each type of risk. Day/Night detection modes also allow for false alarm reduction when the building is occupied.

FireClass 501

- Low cost entry level triple circuit single loop addressable panel
- Auto addressing with Intelli-Zone feature
- Full out of the box functionality
- Versatile easy to install addressable alternative to conventional

FireClass 500

- 1 or 2 loops panels
- Auto learn technology
- Up to 250 devices per loop
- Easy to configure
- User friendly graphical maps

FireClass Software Console

- Graphical user interface
- View system diagnostic
- Fast and simple system configuration
- Real time visualization
- Multilevel map based on a tree structure

FireClass FC460 and FC400 Detection

- Provides the best in class environmental and detection performance with the capability of detecting all fire types
- Range includes an Optical/Heat Multisensor and FC400 Heat/CO multi sensor.
- 360 Degree alarm, fault and isolated LED on each detector.
- Six EN54 approved modes for the Optical/ Heat multi sensor.
- Optical/heat multi sensor can use different modes in day/night settings.
- All optical modes have three EN54 approved sensitivities.
- Lower lifetime cost offering an extended service life.

Detector Bases and Accessories

- Range of standard bases, isolator bases, sounder bases and sounder/ beacon bases.
- Addressable functional bases can be programmed via a download to adjust volume, tone selection and flash rate complemented by the time saver ceiling adaptor allowing fast and easy installation.

Call Points

- The most recognisable indoor and outdoor callpoint. Supplied with or without back box for easy installation.
- Number of accessories available.

Addressable Modules

- Wide range of input, output and multi function modules to suit all applications.
- Universal detector module to connect two conventional circuits with detector removal monitoring and call point discrimination.
- Self powered high voltage relay that can switch mains voltage directly from a module of the FireClass loop.
- A choice of quad input/output modules designed for a variety of interfacing applications.

Sounders and beacons

- Comprehsive range of sounders and beacons. Wide selection of sounds to match new and existing applications.
- Sounder and Beacon elements operated separately by the FireClass panel to facilitate most evacuation strategies.
- Volume, tone and flash rate can be configured by software individually or globally.

FireClass 501

General Features

- 3 in 1 loop panel
- Up to 400mA current dynamically shared across 3 loop circuits
- Up to 128 Addresses / 32 Zones
- Easy to programme
- Out of the box, fully programmable via keypad
- Auto Addressing
- Auto Mapping with Intelli-Zone feature
- On Line Help function
- USB port dual role Host/Device to upload/download firmware, configuration, vocal messages, etc.
- Walk test function
- Loop break location
- 4000 Event Log
- On board PSTN communicator
- Optional IP board
- Up to 4 repeaters
- Fast and simple system configuration via software, also offline
- Battery/wiring calculation and customizable cables database
- Remote Real time visualization of control panel loop & zone status, etc via IP
- Easy Remote user interface with control buttons (reset, silence, evacuate)
- Multilevel map based on a tree structure
- Capability to print zone label sheet for front panel customization

Product Order Codes

557.200.719	FC501-L Triple loop panel - 1,5A
508.031.743	FC500IP3 IP Module
557.200.723	FC500REP Repeater

FireClass 510 and FireClass 520

General Features

- EN54 certified
- 1 or 2 loops
- Up to 250 addresses on the loop
- Automatic drift compensation
- 1 conventional zone
- 64/128 programmable software zones
- 16 programmable OC output (8 monitored)
- 1 Fire NAC output
- 1 or 3 NAC outputs, monitored, silenceable and programmable
- Fire and fault output relay
- RS485 interface: up to 8 repeaters and 4 MFI
- 4000 event log
- PSTN phone dialer and IP module

Product Order Codes

557.200.721   FC510 - 1 loop panel
557.200.722   FC520 - 2 loop panel
557.200.723   FC500REP – Repeater

FireClass 500 Panel Communication Modules

FC500IP3 - IP Module

General Features

- Connects the FireClass 500 to the LAN
- Remote maintenance and programming via the IP address
- Configuration DHCP or manual
- 128-bit AES Encryption
- Can be installed inside the FireClass500 panel enclosure
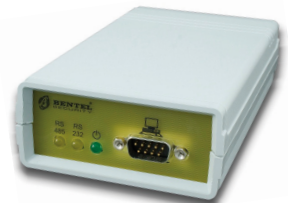- Send events to alarm receivers using SIA protocol
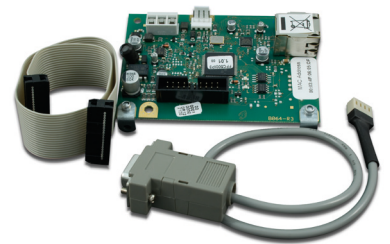
Product Order Codes

508.031.743   FC500IP3 – IP Module

FC500MFI - Multifunctional Interface

General Features

- Simplified connection to fireman's interface or remote control panel
- Interface for serial printer
- Up to 4 FC500MFI per system connected through the bus RS485

Product Order Codes

508.031.742   FC500MFI – Multi-functional Interface

FC500PSTN - Telecom Module

General Features

- Possibility of associating up to 3 voice messages for each event
- Built-in multiprotocol digital communicator: Contact ID and SIA
- 32 programmable telephone numbers
- Programming by PC via FireClass 500 Console
- Check for telephone line cutting
- Digital message recording/playback
- Built-in speaker for message playback
- Installed inside the FireClass 500 control panel cabinet
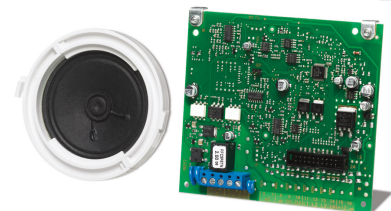
Product Order Codes

508.031.741   FC500PSTN – Telecom Module for FC510/FC520

FireClass Software Console with Graphic Maps

Overview

FC500 Software Console, the highly flexible and powerful programming tool that has been used successfully with FireClass systems since day one. FireClass 500 Graphic Maps is a client/server emergency management system and fire detection graphical user interface. The new FireClass Console software, compatible with the triple loop FC501 panel provides all benefits provided by the FireClass 500 Console with enhanced usability and even nicer graphics.

FireClass Graphic Maps is a Microsoft Windows® based graphical interface with a high resolution colour display and provides annunciation, status display incorporating the latest FireClass Technology fire detection systems.

Available for free download on www.fireclass.net website.

General Features

- New graphical user interface
- View system diagnostics
- Fast and simple system configuration, also offline
- Transferable user database
- Device graphic displayed
- Configuration summary report
- Real time visualization of the loop current load
- Battery/wiring calculation
- Customizable cables database
- Visualization of all the devices assigned to a single zone
- Easy to create user interface with control buttons (Reset, silence, evacuate)
- Real time visualization of control panel loop & zone status, etc.
- Multilevel map based on a tree structure
- Access device data from any pages of the map

FireClass Addressable Devices Range

FireClass 460 Addressable Detectors

The FC460 series are addressable multi-sensor fire, smoke and heat detectors, which can be implemented as several modes and sensitivities by the FireClass control panels. The FC460 series are designed and approved to EN54.

The FC460 series detectors provide the latest fire detection technology in an attractive cost effective package. The FC460 series detectors are supplied in an extremely robust and reliable fully sealed construction, which has undergone stringent environmental testing. Electrical contacts are moulded into the plastic to eliminate any movement.

Detection Modes

The FC460 range of detectors use the FireClass digital protocol to provide robust and reliable communications to the control panel. A wide range of cable types can be used and the open topology capability of the system makes it ideal for the upgrade of older systems whilst reusing the cables to reduce cost.

Whilst the optical detector can be set to three different sensitivities and the heat detector programmed in one of three different detection modes, the photo/heat multisensor has available a total of 14 approved modes/sensitivities. The photo/heat multisensor can also, simultaneously operate as two independently addressed detectors using different modes of operation.

For sleeping risk applications the FC460PC triple multisensor will rapidly detect across the widest range of fire types including very slow smouldering fires typical of soft furnishings. By selecting resilient mode the FC460PC triple multisensor provides early detection with unrivalled levels of false alarm rejection, ideal for hotel applications.

Installation Features

- Standard bases with multiple mounting options simplify installation.
- Unique 'park' position for commissioning and service procedures.
- Detector addressing programmed from the Service tool or
  FireClass control panels.
- Address flag—fixed to the base to prevent mix ups during service.
- Full range of remote installation and service tools.
- Dirty detector read-out can be viewed on the service tool or panel.

General Features

- Multiple fire detection modes.
- FireClass digital detection algorithms.
- CO fire detection technology.
- Up to 250 detectors per loop (dependant on panel choice).
- Remote detector verification & temperature read out.
- Highly featured service tool.
- Fire and fault LED indication.
- Optional detector locking pin.
- Variety of sounder bases.
- Protected optical chamber screen.
- Robust coated electronics.
- Extended Service Life.
- EN54 and CPD approved.

FC460PH
With its ability to detect a wide range of fires, from flaming to smouldering types, the combined optical and heat multi-sensor detector is the preferred choice for a range of applications including light industrial, retail and office environments. It operates in a number of approved modes and sensitivities that can be dynamically selected to suit different environmental conditions.

FC460P
More benign environment where any potential fire will be slow burning can be protected using the optical detector. A choice of sensitivities gives this detector a broad range of applications.

FC460H
Complimenting the range is the heat sensor which can operate in fixed temperature and rate-of-rise modes. It is most often used in areas where high levels of dust are present or where the environment precludes the use of smoke detectors.

FC460PC
For life protection and when the environmental conditions are challenging, the multisensor smoke, heat and CO detector provides the ultimate in detector performance. It uses the three sensor elements in concert to accurately determine the presence of fire with false alarm rejection properties that make it the ideal choice for hotel bedrooms where steam from bathrooms is a common source of false alarms. Compatible only with FC501.

FC400CH
The FC400CH is designed to transmit, to a FC510 / FC520 control panel, digital signals which represent status of the carbon monoxide and heat elements of the detector. Ideal for slow smouldering fires typical of soft furnishings.

Product Order Codes

516.460.501	FC460PH Combined Optical and Heat Detector
516.460.502	FC460P Optical Detector
516.460.503	FC460H Heat Detector
516.460.504	FC460PC Multi-Sensor Smoke, Heat and Carbon Monoxide Detector
516.800.701	FC400CH Carbon Monoxide and Heat Detector

Addressable Detector Ancillaries

General Features

- Optional conduit entry backboxes.
- Aesthetically discreet.
- Superior performance and reliability.
- Designed for rapid installation.
- Remote LED connection.
- Optional short circuit isolator in each base.
- Loop powered sounder bases.

Product Order Codes

517.050.041	4B 4" Detector Base
517.050.043	4B-I 4" Isolator Base
516.800.710	FC430SB Sounder Base
516.800.757	FC430LPSB Loop Powered Sounder Base
516.800.758	FC430LPASB Loop Powered Sounder/ Beacon Base (*)
557.001.040.Y	Sounder Base White Cap

Ceiling Tile Adapter Kit

Product Description

The Time Saver Ceiling Tile Adaptor is used with the 4B 4" detector base snap fit base and consists of three parts, a bezel and clamp that are fitted to the ceiling tile and a back-box that carries the detector and base assembly.

The Ceiling Tile Adaptor requires a 127mm diameter hole to be cut into the ceiling tile to allow an easy fit and flawless finish.

Product Order Codes

517.050.060	Ceiling Tile Adaptor Kit (consists of 1 x 517.050.056 and 1 x 517.050.057)
517.050.056	**CTA-BB** CTA Back Box
517.050.057	**CTA-BC** CTA Bezel and Clamp
517.050.058	**CTA-AP** CTA Adaptor Plate

(*) The beacon in this product should be used for supplementary indication purposes only. In this case the device is not required to be used as a Visual Alarm Device (VAD) and EN54-23 is not relevant to its classification.

# Addresable Call Points and Ancillaries

General Features

- Integral LED indicator for easy identification of operation.
- Surface or Flush Mounting.
- Test key facility, speeds maintenance visits.
- Optional transparent hinged cover.
- Hazardous area models available.
- IP67 Waterproof models for external applications.

Product Order Codes

514.800.803	FC420CP FireClass Addressable Manual Call Point (no back box)
515.001.021	Callpoint Surface Mount Back Box for FC420CP with terminals
10-115	Callpoint Surface Mount Back Box for FC420CP with terminals
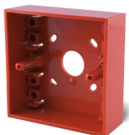
514.800.804	FC421CP FireClass Addressable Weatherproof Manual Call Point

515.001.119	Spare Glasses for Manual Call Point (Pack of 5)
515.001.128	Manual Call Point Plastic Hinged Cover
515.001.045	Spare Manual Call Point Keys (Pack of 10)

Addressable Sounders

General Features

- Loop powered-reduced installation costs.
- High sound output characteristics.
- Low current consumption.
- Clean lines, modern styling.
- Easy to install, low installation costs.
- Weatherproof units for outdoor use.
- Multiple tones and flash rate to suit individual requirements.
- Integral line isolator.

Sounder Volume and Tone Control

FireClass addressable sounders provide a choice of 16 EN53 approved tones with selections to match the non-addressable sounders in the FireClass range. Tone, volume and beacon flash rates are set in software which means that either individual, zonal or global changes can be made with a single panel configuration download.

Product Order Codes

	516.800.760	FC410LPSYR Loop Powered Symphoni Sounder Red
	516.800.761	FC410LPSYW Loop Powered Symphoni Sounder White
	516.800.762	FC410LPSY Loop Powered Symphoni Sounder Red IP65
	516.800.763	FC410LPAVR Loop Powered Symphoni Sounder/Beacon Red (*)
	516.800.764	FC410LPAVW Loop Powered Symphoni Sounder/Beacon White (*)
	516.800.766	FC410LPAV Loop Powered Symphoni Sounder/Beacon Red IP65 (*)

(*) The beacon in this product should be used for supplementary indication purposes only. In this case the device is not required to be used as a Visual Alarm Device (VAD) and EN54-23 is not relevant to its classification.

Addressable Ancillary Modules

Input Modules

555.800.701 FC410MIM Mini Contact module providing one normally open or normally closed input. Designed to be small enough to mount inside the equipment housing being monitored.

555.800.702 FC410CIM Contact Input module providing two normally open or normally closed inputs.

577.800.706 FC410DDM Universal interface unit allowing connection of up to two conventional detection zones with detector removal and callpoint discrimination. Loop powered or 24Vdc.

555.800.712 FC410DIM Conventional Zone monitor interface providing a connection of one detection circuit, requires a separate 24Vdc supply.

555.800.766 FC410BDM Beam detector interface enabling a conventional beam detector to be powered and monitored by the FireClass loop.

Output Modules

568.800.703 FC410RIM Relay interface module providing one volt free relay contact.

577.800.705 FC410SNM Sounder circuit controller allowing connection of external sounders or up to 2A @ 24Vdc or to provide a monitored output contact.

568.800.004 HVR800 High Voltage Relay unit allowing for low current mains rated switching of up to 10A @ 250Vac.

Multi-Function Modules

555.800.763 FC410SIO Interface with single monitored input and single volt free change over relay contact.

555.800.765 FC410MIO Interface with three monitored inputs and two volt free change over relay contacts.

555.800.770 FC410QMO Quad monitor output unit provides four monitored output circuits suitable for 24Vdc conventional sounders.

555.800.771 FC410QIO Quad input/output unit provides four monitored inputs and four relay outputs.

555.800.773 FC410QRM Quad relay module provide four relay outputs.

555.800.769 FC410TSM Close a door in case of alarm or fault.

Other Modules/Accessories

545.800.704 FC410LI Loop fault line isolation interface unit.

555.800.067 BTM800 Interface module which allows the FC410BDM to be sited away from the beam detector but still easily connected.

517.035.007 FC470CV Ancillary cover for use with modules.

547.004.002 DIN rail mounting bracket enabling a module mounted to the FC470CV to be DIN rail mounted.

517.035.010 FC470DGB White plastic surface mount back box.

557.201.303 DIN rail mounting kit for FC410MIO.

557.201.401 FCD800 IP65 Ancillary module housing.

Addressable Service Tool and Accessories

General Features

- Read/Write the detector/ancillary address.
- Display temperature/CO levels and smoke obscuration.
- Programming of the LED.
- Testing the detector remote LED and control outputs.
- Perform the detector self verification test function.
- Display detector contamination level.
- Controlling ancillary outputs.
- Reading ancillary status.
- Power management options.

Product Order Codes

516.460.490	Handheld Service and Programming Tool
516.800.922	Spare ancillary programming lead
516.800.924	Pack of Spare Pins (Pack of 10)
516.800.923	FC Service accessory kit
	(Plastic case complete with shoulder strap and car ancillary power)
508.032.037	USB cable 5 meters Type A <-> Type A for FC501

Air Sampling Unit

Overview

The ICAM Air Sampling Smoke Detection System provides a flexible solution to meet the unique needs of numerous applications including industrial spaces such as cable tunnels, tamper proof and unobtrusive requirements for special accommodation, or can simply be used to replace detectors in office environments.

The ICAM system actively draws air from the protected area through sampling holes in a pipe network. Sampled air is then filtered before being analyzed by up to two FC460 Series detectors.

The ICAM system is available in two configurations:

IAS460 twin inlet pipe configuration, which can be fitted with two detectors for monitoring one or two pipe runs.

IAS461 single inlet pipe configuration, which can be fitted with one detector.

The system utilises a high performance aspirator and software configurable flow monitoring circuitry. The air flow level is displayed on a ten element bar graph that can be adjusted for high and low flow thresholds, and flow failure is reported as a device fault.

General Features

- Ideal for areas where access is restricted, harsh environments and areas where a
  point detector would be damaged.
- Powerful Fan.
- Up to two 100m pipe runs available.
- Pipes can be individually monitored for air flow with LED bar graph.
- FireClass loop and 24Vdc connections.
- Fault monitored via the FireClass loop.
- IP65 enclosure.
- Field serviceable air filters.
- Uses standard 25mm VESDA pipe and fittings.

Product Order Codes

516.016.402	ICAM IAS460 Aspirated Smoke Dual Detector common fault monitor
516.016.401	ICAM IAS461 Aspirated Smoke Single Detector common fault monitor
516.016.303	ICAM Course Filter (Per Pack of 10)

Air Sampling Accessories

571.270   Pipe 25mm Diameter
VESDA aspirating pipes, printed along its length on opposite sides at 450mm intervals. 3 m length pipes. Order in multiples of 10 lengths.

571.121   Socket 25mm
Straight socket for 25mm pipe. Order in multiples of 10.

571.122   Socket Union 25mm
Socket union to facilitate servicing of pipework. Order in multiples of 1.

571.123   Bend 25mm
90 degree Long Radius bend. Order in multiples of 5.

571.128   Elbow 25mm
45 deg elbow. Order in multiples of 5.

571.125   End Cap 25mm
End cap 25mm. Order in multiples of 5.

571.124   Equal Tee 25mm
Equal Tee 25mm. Order in multiples of 5.

571.127   Pipe Clip 25mm
Pipe Clip 25mm. Order in multiples of 10.

516.018.909   Socket Adaptor 25mm to 3/4"
Socket adaptor, imperial to metric, to extend existing systems. Order in multiples of 5.

570.888   Solvent Cement (0.25 L Tin)
Solvent cement.

571.144   Capillary Tube Conical Sample Point Assembly
Capillary Tube Conical Sample Point Assembly. 25mm socket adaptor + 2m capillary tube (tube colour - red).

571.145   Capillary Tube Flush Sample Point Assembly
Capillary Tube Conical Sample Point Assembly. 25mm socket adaptor + 2m capillary tube (tube colour - red).

571.148   Capillary Tube 10mm
Capillary Tube 10mm 10mm o/d x 30m length (tube colour - red).

571.152   Sampling Point Label (1Reel)
Capillary Tube 10mm 10mm o/d x 30m length (tube colour - red).

517.017.006   Pipe Label (1 Reel)
Pipe Label. Order in multiples of 100.

Beam Detection

FR50, FR100 and FR5000

General Features

- Range: Fireray100 = 50 to 100 meters - Fireray50 = 5 to 50 meters
- Area of coverage: Fireray100 up to 1500 sq; Fireray50 up to 750 sq
- Selectable sensitivity
- Self-check and automatic compensation
- Manual or Automatic Reset
- Low current consumption

Product Order Codes

516.015.011	FireRay 50
516.015.012	FireRay 100
516.015.020	FireRay 5000 System (50M)
516.015.021	FireRay 5000 Detector Head (50M)
516.015.007	FireRay Reflector 100 x 100mm
	(4 reflectors are required for distances from 50 to 100M)
5000-005	Universal Mounting Bracket
5000-006	Flat Mounting Plate for 1 to 4 Prisms
5000-007	Prism Mounting Plate for 4 Prisms
5000-008	Prism Mounting Plate for 1 Prism

FireClass Conventional Range

Introduction to FireClass Conventional Range

A new class of Fire Detection

Comprehensive Range

The FireClass conventional range offers the user a choice of control panel widely known and used throughout the world, ranging from the basic J408-2 2 zone panel up to the expandable J424-8 24 zones panel.

All panels can be fitted with 1 or 2 optional extinguishment modules and are designed to provide ease of installation by allowing most of the conventional detectors to be connected to each zone.

Full Approvals Provide Peace of Mind

In order to ensure peace of mind for both the installer and end user, FireClass products are third party approved and certified to the relevant European Standards. FireClass approvals go beyond the minimum requirements including EN54 and EN12094-1 approval. EN54 detector approval is also provided for all detectors in the FireClass range.

Enviable Point Detector Range

The FireClass range of conventional detectors can be used in all fire risk situations, from slow smouldering fires using CO technology to the fast flaming fires using the unique High Performance Optical detector, which emulates the characteristics of the ionisation detector, without the need for radioactive components.

High Performance Optical Multisensor is a general purpose detector that can be used as an ionisation detector replacement.

Carbon Monoxide/Heat Multisensor provides a high level of protection in environments where traditional smoke detectors are unsuitable.

Point Infrared Flame detector provides a low cost solution and early detection of liquid fuel fires.

Easy to Install

All FireClass conventional panels offer a user friendly, out-of-the box feel.

Both the J408 and J424 are easy to install and can be configured from PC or keypad.

J408
- Low cost EN54 and EN12094-1. approved introductory panel.
- Available in 2,4 and 8 zone versions.
- Extinguishing module available.
- Optional repeater available.
- Versatile easy to install enclosure.

J424-8
- EN54 and EN12094-1 approved.
- Expandable to 24 zones.
- Extinguishing module available.
- Optional repeater available.

FireClass 600 Series Detection
- Comprehensive low cost range of conventional detectors with advance technology.
- Combined optical/heat detector ideal for ionisation replacement.
- Advanced carbon monoxide detector.
- Solar blind infrared flame detector.

Detector Bases and Accessories
- Detector bases and accessories.
- Range of standard bases, sounder bases and sounder/beacon bases complemented by the time saver ceiling adaptor allowing fast and easy installation.

Call Points
- Conventional resettable manual call point.
- Large activation surface.
- Easy installation using push-fit terminals.

Sounders and beacons
- Comprehensive range of sounders and beacons.
- Wide selection of sounds to match new and existing applications.
- Visual alarms available in the sounder/ beacon range.

Remote Indicator
- Commonly used when line of sight is not available to the detector.
- Discreet devices used to reduce the fire search time.

J408 Panels

General Features

- EN54 approved
- Optional extinguishment module EN 12094-1 approved
- Up to 32 devices can be connected to each zone
- Gas zone compatible with 4 – 20 mA gas detectors
- One alarm-repeat output for each input zone
- Manual call point recognition
- Signals missing detectors
- 2 supervised, silenceable, bypassable 24 V alarm output for sirens and activation
- Silenceable fault-warning output for the activation of signalling and auxiliary devices
- Supervised fire output for telephone dialler activation
- Programmable open-collector output
- Dry contact alarm-relay for the activation of auxiliary devices
- Day/Night mode
- Alarm verification time
- Programmable restoral and reset times
- Programmable from PC or keypad
- 50 event log viewed via PC
- Alarm/fault memory activated until next reset
- Command for silencing sirens
- Keypad commands require key or pin code
- Repeater available

Product Order Codes

557.201.522	J408-2 2 zone conventional panel english
557.201.523	J408-4 4 zone conventional panel english
557.201.524	J408-8 8 zone conventional panel english
557.201.526	J400-REP Repeater for J424 and J408-8 english
557.201.528	J408-2 2 zone conventional panel Israel
557.201.529	J408-4 4 zone conventional panel Israel
557.201.530	J408-8 8 zone conventional panel Israel
557.201.532	J408-2 2 zone conventional panel portuguese
557.201.533	J408-4 4 zone conventional panel portuguese
557.201.534	J408-8 8 zone conventional panel portuguese
557.201.536	J400-REP Repeater for J424 and J408-8 portuguese
557.201.539	J408-2 2 zone conventional panel spanish
557.201.540	J408-4 4 zone conventional panel spanish
557.201.537	J408-8 8 zone conventional panel spanish
557.201.541	J400-REP Repeater for J424 and J408-8 spanish
508.031.726	J400-EXT Extinguishment module for J400 series
J400-BRG	J400-BRG bridge serial interface for J400 panels

J424-8 Conventional Panel

General Features

- EN54 approved
- Optional extinguishment module EN12094-1 approved
- 8 zones mainboard
- Supports 2 J400-EXP8 expander modules, total 24 zones
- Up to 32 devices can be connected to each zone
- Gas zone compatible with 4 – 20 mA gas detectors
- One alarm-repeat output for each input zone
- Manual call point recognition
- Signals missing detectors
- 2 supervised, silenceable, bypassable 24 V alarm output for sirens and activation
- Silenceable fault-warning output for the activation of signalling and auxiliary devices
- Supervised fire output for telephone dialler activation
- Programmable open-collector output
- Dry contact alarm-relay for the activation of auxiliary devices
- Day/Night mode
- Alarm verification time
- Programmable restoral and reset times
- Programmable from PC or keypad
- 50 event log viewed via PC
- Alarm/fault memory activated until next reset
- Command for silencing sirens
- Keypad commands require key or pin code
- Repeater available
- Optional backlit display

Product Order Codes

557.201.525	J424-8 8 zone conventional fire panel expandable up to 24 english
557.201.526	J400-REP Repeater for J424 and J408-8 control panels english
557.201.527	J400-LCD LCD display module for J424 panels english
557.201.531	J424-8 8 zone conventional fire panel expandable up to 24 Israel
557.201.535	J424-8 8 zone conventional fire panel expandable up to 24 portuguese
557.201.536	J400-REP Repeater for J424 and J408-8 control panels portuguese
557.201.538	J424-8 8 zone conventional fire panel expandable up to 24 spanish
557.201.541	J400-REP Repeater for J424 and J408-8 control panels spanish
508.031.726	J400-EXT Extinguishment module for J400 series
508.031.725	J400EXP8 8 zone expander module for J424 panels
J400-BRG	J400-BRG bridge serial interface for J400 panels

600 Series Conventional Detectors

General Features

- Unique early detection enhanced CO fire detector.
- Intelligent universal HPO smoke detector.
- Low profile, discreet and unobtrusive.
- Superior performance and reliability.
- Designed for fast, easy installation.
- Integral and remote alarm LED.
- Series of product approvals.

601P
A detector ideal for use with slow burning orsmouldering fires. These detectors are particularly suitable for general applications and areas where cable overheating may occur e.g. electrical services areas.

601PH
A combined Smoke and Heat Detector ideal for use with slow smouldering fires or open flaming fires.

601H
A combined fixed and rate of rise heat detector ideal for use where smoke detectors cannot be situated.

601CH
A detector that provides very early warning for slow smouldering fires ideal for sleeping risks.

601F
A detector that is ideal for protecting large open areas without sacrificing speed of response to flaming fires.

Product Order Codes

516.600.001	601P Optical Smoke Detector
516.600.002	601PH High Performance Optical Detector
516.600.003	601H-R Heat Detector - Rate of Rise
516.600.214	611H-F Heat Detector - Fix temperature
516.600.004	601CH Enhanced Carbon Monoxide Detector
516.600.006	601F Solar Blind Infra Red Flame Detector

Conventional Detector Ancillaries

Standard and relay Bases

General Features

- Aesthetically discreet.
- Superior performance and reliability.
- Designed for rapid installation.
- Remote LED connection.

Product Order Codes

517.050.041	4B Detector standard Base
508.031.751	MUB-RV 5B Relay Bases

Ceiling Tile Adapter Kit

Product Description

The Time Saver Ceiling Tile Adaptor is used with the 4B 4" detector base snap fit base and consists of three parts, a bezel and clamp that are fitted to the ceiling tile and a back-box that carries the detector and base assembly.

The Ceiling Tile Adaptor requires a 127mm diameter hole to be cut into the ceiling tile to allow an easy fit and flawless finish.

Product Order Codes

517.050.060	Ceiling Tile Adaptor Kit (consists of 1 x 517.050.056 and 1 x 517.050.057)
517.050.056	CTA-BB CTA Back Box
517.050.057	CTA-BC CTA Bezel and Clamp
517.050.058	CTA-AP CTA Adaptor Plate

Euro and Deck Head mounting base

General Features

- Provide matching backbox for ceiling mounting.
- 4 conduit entries.
- Suitable for humid environment (4B-DHM).
- Fits all 4" bases.

Product Order Codes

517.050.052	4B-EM 4" Euro Mount
517.050.051	4B-DHM Deckhead Mount
517.050.612	Base Accessory terminal kit (pack of 10)

Protective Detector Cage

General Features

- Robust costruction.
- Coated steel.
- Ideal where detectors need protection.

Product Order Codes

517.050.614	Protected Detector Cage
517.050.011	Protected Detectors Sounder Base Cage

Conventional Manual Call Points and Ancillaries

General Features

- Conventional resettable manual call point.
- EN 54-11 standard compliance.
- Large activation surface.
- Easy installation using push-fit terminals.

Product Order Code

514.001.171   MCP200CS – Conventional manual callpoint

Conventional Sounders and Beacons

General Features

- High sound output characteristics.
- Low current consumption.
- Clean lines, modern styling.
- Easy to install, low installation costs.
- IP44 protection degree.

Product Order Codes

576.501.071   H201 Sounder
576.501.072   HS201 Sounder/Beacon (*)

(*) The beacon in this product should be used for supplementary indication purposes only. In this case the device is not required to be used as a Visual Alarm Device (VAD) and EN54-23 is not relevant to its classification.

Remote Indicator

General Features

- Provides local indication of device in alarm.
- Commonly used when line of sight is not available to the detector.
- Clean and discreet finish used to reduce the fire search time.

Product Order Codes

FIRE

540.003.006   601 RIL Remote indicator

FireClass Accessories

Power Supply Units and Batteries

General Features

- Robust metal housing.
- Twin fused outputs.
- Temperature compensated charging.
- Deep discharge protection of batteries.
- Fault relay output.
- Comprehensive LED status indication.

Product Order Codes

PFNBATT012012	12 Volt 1.2 Ampere Battery Set
PFNBATT012020	12 Volt 2.1 Ampere Battery Set
PFNBATT012034	12 Volt 3.4 Ampere Battery Set
PFNBATT012040	12 Volt 4.5 Ampere Battery Set
PFNBATT012070	12 Volt 7.0 Ampere Battery Set
PFNBATT012170	12 Volt 17.0 Ampere Battery Set
PFNBATT012250	12 Volt 25.0 Ampere Battery Set
508.031.748	BAQ35T24 - Switching Power Supply / Battery Charger - Max. 1,5A @27,6VDC
508.031.749	BAQ60T24 - Switching Power Supply / Battery Charger - Max. 2,5A @27,6VDC
508.031.750	BAQ140T24 - Switching Power Supply / Battery Charger - Max. 5A @27,6VDC
508.031.744	BXM24/25-U Boxed power Supply Unit 2,5A @ 27,6VDC - (will house up to 17Ah batteries) EN 54 Approval
508.031.745	BXM24/50-U Boxed power Supply Unit 5A @ 27,6VDC - (will house up to 17Ah batteries) EN 54 Approval
508.031.746	BXM24/25-B Boxed power Supply Unit 2,5A @ 27,6VDC - RS485 bus - (will house up to 17Ah batteries) EN 54 Approval
508.031.747	BXM24/50-B Boxed power Supply Unit 5A @ 27,6VDC - RS485 bus - (will house up to 17Ah batteries) EN 54 Approval

Installation Accessories

General Features Address Flag

- Provides clear identification of address.
- Colour coded.
- Flag remains on base.
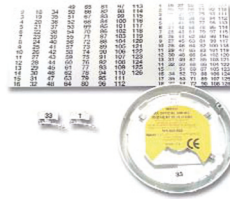
General Features Ancillary Device Address Labels

- Colour coded for easy loop identification.
- Space for Zonal Label.
- Strong adhesive backing.

Product Order Codes

516.800.915	Detector addressed flags (Pack of 100)
516.800.931	Address flag, flag labels loop A— White
516.800.932	Address flag, flag labels loop B— Yellow
516.800.933	Address flag, flag labels loop C - Purple
516.800.934	Address flag, flag labels loop D— Green
599.047.030	Address labels 1—250 Loop A— White
599.047.031	Address labels 1—250 Loop B— Yellow
599.047.032	Address labels 1—250 Loop C— Purple
599.047.033	Address labels 1—250 Loop D— Green
599.047.011	Zone labels—Zone 1-16
599.047.012	Zone labels—Zone 17-32
599.047.013	Zone labels—Zone 33-48
599.047.014	Zone labels—Zone 49-64
599.047.015	Zone labels - Zones 65- 80
599.047.016	Zone labels - Zones 81-100
599.047.018	Zone labels - Zones 101-120
599.047.019	Zone labels - Zones 121- 140
599.047.020	Zone labels - Zones 141- 160
599.047.021	Zone labels - Zones 161- 180
599.047.022	Zone labels - Zones 181- 200
599.047.023	Zone labels - Zones 201- 220
599.047.024	Zone labels - Zones 221- 240

Detector Test Equipment

Smoke Capsule
517.001.237

CO Capsule
517.001.238

Smoke Capsule
517.001.237

Solo Smoke Detector Tester
517.001.256

Solo CO Detector Tester
517.001.262

Testifire
Smoke, Heat & CO
Detector Tester
517.001.236

Testifire
Smoke & Heat
Detector Tester
517.001.267

Solo
Smoke & CO
Aerosol Dispenser
517.001.255

Solo Heat detector tester,
including Solo battery baton
and Solo battery charger
517.001.254

FC400RT
removal tool
516.800.917

9m/30ft

Solo Extension Pole
517.001.226

8m

Solo Extension Pole
517.001.226

7m

Solo Extension Pole
517.001.226

6m/20ft

5m

4m

Solo Telescopic
Access Pole
517.001.230

3m

2m

1m

Solo Poles Access Height

Part No.	Access Height (approx. max.)
517.001.230	6m (20ft)
517.001.230 +	7m (23ft)
517.001.230 +	8m (26.25ft)
517.001.230 +	9m (30ft)

Solo
Carrying Bag
517.001.264

Product Approvals

Product Family	Listing body
J400 Panels	(symbol)
600 Series Detector	VdS LPCB
MCP200CS	LPCB
H201 - HS201 Conventional sounders/beacons	(symbol)
FireClass 500 Panels	(symbol)
FC460 Series Detectors	VdS LPCB
FC420 - FC421 Addressable MCP	LPCB
FC430LP Series Addressable bases and sounder bases	VdS LPCB
FC410LP Addressable sounders / beacons	LPCB
FC400 Ancillary modules	VdS LPCB
FireRay	VdS
Power Supply Units	(symbol)

Notes

For more information about
FireClass fire detection technology visit:
www.fireclass.net
or contact us at
FireClassEnquiries@tycoint.com

FireClass locations at:

Via Gabbiano 22
Zona Industriale S. Scolastica
64013 Corropoli (TE)
Italy

FireClassEnquiries@tycoint.com

Unit 6, West Point Enterprise Park
Clarence Avenue
Trafford Park
Manchester
M17 1QS
United Kingdom

Hillcrest Business Park
Cinderbank, Dudley
West Midlands
DY2 9AP
United Kingdom

Tel: +44 (0)1384 453985
Fax: +44 (0)1384 458972

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