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BMS Communications Interface

Features

- Compatible with all existing Apollo Syncro or Syncro AS fire alarm systems
- Simple, two wire connection to fire panel
- Supports LonWorks®, BACnet™ and Modbus protocols
- Easy to configure interface via a standard web browser
- Configurable to provide General (network wide) event reporting, event reporting from selected Syncro panels or event reporting from individual Detection Device addresses
- Individual Syncro Event types (fires, pre-alarms, disablements, faults etc) can be configured to be passed to the BMS, based on the selected panel reporting options above.
- Remote reporting only or remote reporting with control options
- Fully welded steel enclosure to match Syncro fire alarm control panels

Product Overview

- The OpenConnect system provides a simple means of integrating Apollo protocol, Syncro or Syncro AS fire panel networks with a wide range Building Management Systems using any of the commonly used communications protocols, such as Modbus, BacNet & Lonworks.
  The OpenConnect offering from Kentec includes:
  A Boxed Apollo OpenConnect Jace Unit & PSU, Interface Cables & Interface PCB, to offer a complete plug and play BMS Integration offering.
- A simple two wire connection from the fire panel network to the OpenConnect hardware interface and an exported file from the Syncro Loop Explorer configuration programme is all that is needed to realise a working BMS interface simply and quickly.
- The OpenConnect system allows rapid deployment of a BMS interface due to the use of a standard protocol specifically developed to allow fire panel integration without the need for expensive and time consuming specialist building integration engineering.
- Once the system is configured, a report is generated containing all of the information on the BMS integrator requires to provide a rapid solution to all BMS integration requirements.

Simple 4 step process:
1. Connect OpenConnect hardware to a PC
2. Load configuration file exported from Loop Explorer
3. Set up reporting options required (event types, by zone, by point etc)
4. Print report and hand to BMS integrator

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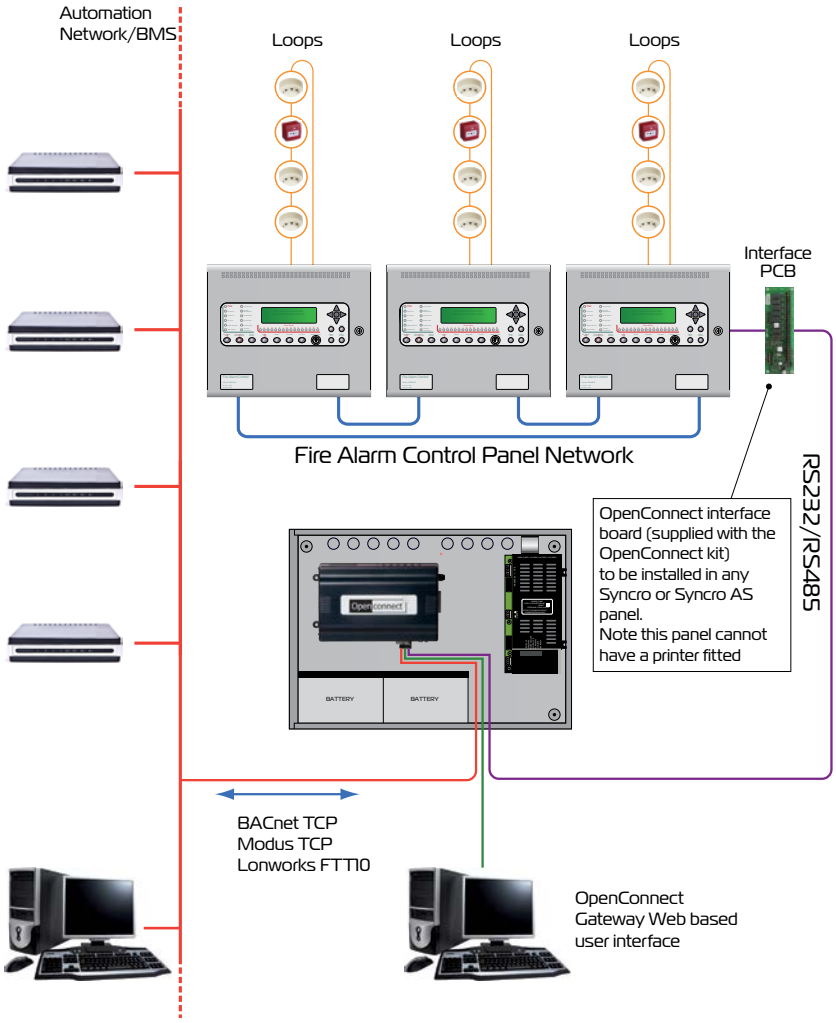

Range

Product Code	BACnet Points	BACnet Events	Modbus Points	Modbus Events	LonWorks Points	LonWorks Events	RS485 ports	OpenConnect JACE Type
K8121110	200	200	200	200	N/A	N/A	1	Small (56100-001)
K8121120	200	200	200	200	N/A	N/A	2	
K8121111	200	200	200	200	200	200	1	
K8121121	200	200	200	200	200	200	2	
K8221110	900	250	1400	300	N/A	N/A	1	Medium (56100-002)
K8221120	900	250	1400	300	N/A	N/A	2	
K8221111	900	250	1400	300	1300	300	1	
K8221121	900	250	1400	300	1300	300	2	
K8321110	5500	800	8800	1400	N/A	N/A	1	Large (56100-003)
K8321120	5500	800	8800	1400	N/A	N/A	2	
K8321111	5500	800	8800	1400	4096	1000	1	
K8321121	5500	800	8800	1400	4096	1000	2	
K8421110	12000	1800	10000	2000	N/A	N/A	1	Extra Large (56100-004)
K8421120	12000	1800	10000	2000	N/A	N/A	2	
K8421111	12000	1800	10000	2000	4096	1000	1	
K8421121	12000	1800	10000	2000	4096	1000	2	

Note:
"Points" are the number of fire system events that can be configured to be passed to the BMS.
"Events" are the maximum number of active events that can exist on the fire system that can be reliably passed to the BMS (if configured).

Technical

Construction	-	1.2mm mild sheet steel
IP Rating	-	IP30
Enclosure size	-	500 x 355 x 117mm
Colour - lid & box	-	BS 00 A 05 grey - fine
Operating temperature	-	texture
Operating humidity	-	0°C to +50°C
Supply Voltage	-	5% to 95% (non condensing)
Standby Batteries	-	230V or 115V AC 2 x 12V 12Ah sealed lead acid

Serial Ports - Note: 1 x RS232/ RS485 port is required to interface with the Syncro panels.

Ethernet	2
RS232	1
RS485	See table above. Default serial port for the Syncro panel interface is RS232