

FF Data Sheet | Extended FDCIE

AU 5000 – 1 - 4 Loop Extended CIE

The Fusion Extended Cabinet series of panels are available in 1-4 Loop variants. These options allow for great flexibility with regards to system design and configuration. They can be configured to incorporate BOWS systems up to 120 Watts, all compliant with AS4428.16.

The AU 5000 range also provides comprehensive AS1668 fan, damper and control switch card capability as shown. Brackets are also available for all types of ASE used throughout Australia.

The AU-5000 panels utilise fully digital soft addressing technology for all loop devices, and installer friendly auto-learn and loop detection facilities for trouble-free and quick commissioning.

Full on-site programmability is available via the on-board alphanumeric keypad or PC configuration PC-Net tools. Extensive mimic panel options including - full function LCD, display only LCD and LED based mimics.

Configurable by sectors and zones allowing alarms, pre-alarms, faults, test and control events.

When connected to the fault tolerant Ad-Net network, the panel operates as a true peer- to-peer interface (with up to 200 CIE's/nodes and 1,000 shared zones) with full cross panel reporting, control as well as complex cause and effect functionality.

Each CIE incorporates unique False Alarm Management and Service Tool software for improved servicing and application specific device set-up.



Key Features

- Fully expandable from 1 loop to 4 loops
- Zone capacity of 1,000 and an impressive 240+ digital devices per loop
- Output response times less than 3 seconds across the network
- Simple to use LCD menu driven graphical interface with 240 x 64 backlit LCD
- Advanced 'Ad-Net' redundant networking up to 200 nodes
- Windows 'PC-Net' computer software
- Multiple colour graphics capable
- BMS HLI capable with BacNET and Modbus protocols

Approvals

AS4428.3	Fire detection, warning, control and intercom systems - Control and indicating equipment
AS7240.2	Fire detection and alarm systems
AS7240.4	Fire detection and alarm systems
AS7240.13	Fire detection and alarm systems
AS1670.1 2018	Automatic fire detection and alarm systems
JAS-ANZ	3rd party quality scheme certified by CertMark International

Part Numbers

AU-5101E	1 Loop with 1 Loop Fitted	AU-5201E	2 Loop with 1 Loop Fitted
AU-5401E	4 Loop with 1 Loop Fitted		

PC Software PC-Net

An extensive suite of PC based; software programs have been developed to supplement the AU-5000 series fire panels. User-friendly Windows based PC-Net configuration software includes a virtual panel allowing for remote diagnostics via a low-cost modem connection, saving the time and expense travelling for maintenance.

The package allows for extensive programming diagnostics including checking the site for errors before downloading as well as input and output operator mapping checking. Powerful cause and effect programming makes the panel suitable for a wide range off site applications, from small to large complex multi area systems.

Specifications

Base Technology	Dual flash-based processor with Real Time Clock, 'Trace' diagnostics, PuLsE' communications & Programmable languages
Display	Graphical 240 x 64 backlit LCD
Brigade Interface	AS4428.3 revision 2010
Number of Fire Zones	2000 'Dynamix' * 200 per panel
Number of Loops	AU-5101E — 1 Loop with 1 Loop fitted AU-5201E — 1 Loop fitted and expandable to 2 AU-5401E — 1 Loop fitted and expandable to 4
Loop Current	500mA
On-Board Sounder Circuits	AU-5101E - 2 x 1 Amp Programmable AU-5201E - 2 x 1 Amp Programmable AU-5401E - 4 x 1 Amp Programmable
On-Board Relays	2 x 1Amp 30VAC/DC Programmable
Auxiliary Supply	1 x 24vDC @ 500m Amps
On-Board Switch Inputs	6 x Configurable Buttons with LED confirmation
On-Board Power Supply	4/5 Amp High-Efficient Switched Mode
Mains Supply	230VAC (+10%,-15% tolerance) 50/60Hz 1.7/1.9Amps
Charger Current	2 Amp DDP Monitor, temperature compensated integral charger
Serial Ports	1 x USB, 1 x RS232 On-Board for PC, Modem or External Printer
Programming	Via On-Board Keypad or PC Configuration using 'PC-Net' Software
Event Log	5000 General Event + 500 Fire Alarm + Diagnostic
Networking	Optional plug in Network Card utilising the 'Ad-Net'
Approval Body	CertMark International Certificate Numbers PC10063 & PC10064
Cabinet Dimensions	780mm(H) x 450mm(W) x 240mm(D)
Note	Maximum 4 Loops and 120W BOWS Maximum 17 Fan Controls or 48 Switch Configurations

