

Fire Panels

Firetracker Conventional C.I.E

Model FT420

- Up to 20 zone for fire detection, zones can also be used as a generic input from flow switches, security, chemical hazard or any compatible inputs.
- Controls and indicators for Ancillary Control Facility (ACF), External strobes, Alarm Devices and a walk test facility as standard features.
- Standard facility for MDH fused circuit input / output connection.
- Optional integrated Occupant Warning System (OWS) with a supervised speaker circuit, supervised trigger input, PA and bi-color strobe output.



General

The Brooks **firetracker** conventional CIE, FT420, is a highly integrated, highly configurable and flexible 4 to 20 conventional zone Control and Indicating Equipment (CIE). It has been designed and manufactured to comply with AS7240.2 and AS7240.4 Standards. It has been tested and approved under the CSIRO ActivFire scheme. The product with correct configuration and installation is suited to specific applications which require reliable detection, occupant warnings and ancillary control.

Reliable fire protection

The system performance has been approved to the equipment standards, while the system features exceeds the normal fire protection applications.

The system is capable of providing the following functions within its architecture.



Simple and Clear User Interface

The CIE modular and intuitive user interface significantly simplifies the system operations. All the system conditions are indicated by well-grouped LED indicators. All the system operations are available via momentary push-button controls.

It reduces the critical response time in emergency conditions because there is no need for a user to navigate through a usually complicated LCD menu.

Versatile zone inputs and controls

Each zone input has a number of configurable features, such as latching / non-latching alarm and Alarm Verification Facility (AVF).

A zone input circuit is not only used as a fire alarm zone input, but can also be used as a preselected tone trigger input on the automatic tone alert functions.

Each zone input state can also drive any of the programmable system conditions and controls. Different combinations of the settings are available to suit a large number of specific applications.

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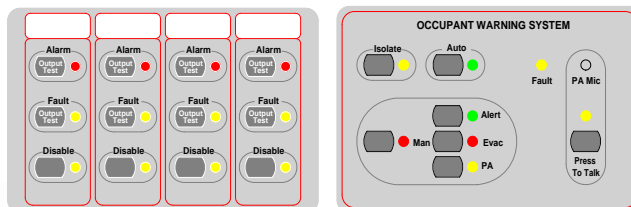
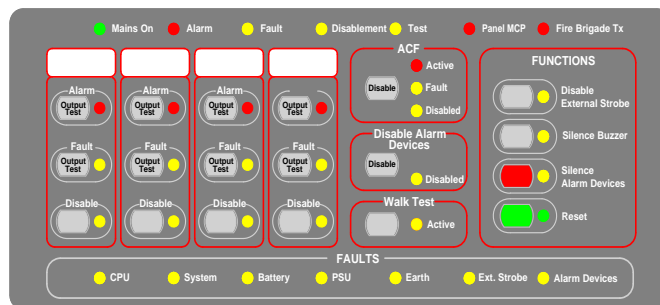
Web: www.brooks.com.au (Aus) www.brooks.co.nz (NZ)

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Specifications

Feature	Specification	
Mains Power Supply	230V AC, +/- 20%. 70W - 150W, based on the CIE power supply calculations.	
Backup Battery	2 x 12V. Battery capacity is based on the CIE power supply calculations.	
Access Security	<p>Access Level 1: All the LED indicators are viewable through the locked transparent front door.</p> <p>Access Level 2: All the controls are accessible after opening the front door by using a 003 key.</p> <p>Access Level 3: All the system configurations require special hardware and PC software. No configuration is available during normal operations (Access Level 1 & 2).</p> <p>Access Level 4: The control and indicating circuits are behind the front plate. To repair the CIE or upgrade its firmware, the technician needs to open the outer door and unscrew the inner door.</p>	
Operating Temperature	0°C to +40°C.	
Operating Humidity	5-95%, non-condensing.	
IP Rating	IP31	
Enclosure Material	Made of zinc anneal steel powder coated oyster with a tinted lockable acrylic front door	
Enclosure	Small	480 (High) X 450 (Wide) X 220 (Deep) mm
	Medium	630 (High) X 450 (Wide) X 220 (Deep) mm
	Large	920 (High) X 450 (Wide) X 220 (Deep) mm
Compliance	<p>CIE: Complies with AS7240.2-2004 and AS7240.4-2004</p> <p>OWS: Meet the requirements of clause 3.22 of AS1670.1-2004 and clause 1.4.1, 1.4.4, 4.3.3 and 4.3.5 of AS1670.4-2004</p> <p>Alert tone and message meet the requirements of ISO 7731</p> <p>Evacuation tone and message meet the requirements of ISO 8201</p>	
Applications	Not suitable for use within any hazardous locations unless applying proper safety techniques according to the related hazard regulations. Install in an in-door environment only. Not suitable for use in any environment with high vibrations such as vehicles, boats and airplanes.	

FT420 Front Layout



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