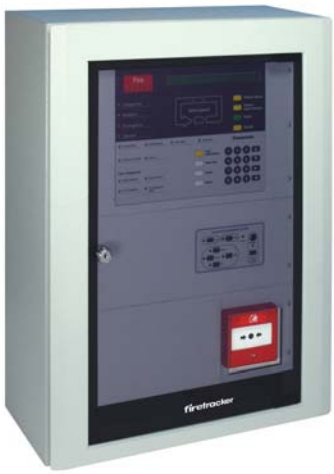
Fire Panels

Firetracker Control & Indicating Equipment System

Model FT128V2

- A user-friendly PC software **EBLWin** is used to create, edit, download and upload (backup) the Site Specific Data (SSD).
- An **SSD Auto generation function** is included in EBLWin. The units that are connected to **Firetracker** FT128V2 can be identified and the SSD can be auto generated with default settings and be edited before the download.



Analogue addressable system

Firetracker FT128V2 is an intelligent analogue addressable fire alarm system, conforming to the AS7240-2 Control and Indicating Equipment, AS7240-4 Power Supply, AS4428.3 Fire Brigade Panel standards and NZS4512. It meets the most stringent requirements in order to secure real fire alarms and to reduce nuisance alarms.

Features/Functions

- **Compensation for contamination**, i.e. analogue smoke detectors have constant sensitivity in spite of any contamination. A **Service signal** will be given when a detector has to be replaced.
- **Advanced alarm algorithms** are used to filter the nuisance alarms from the real fire alarms and one algorithm is used for detection of smouldering fires.
- **User related functions**, e.g. Test mode, Disablements, Alert annunciation, Fire door closing, Interlocking combinations of outputs & inputs, Time channels, Co-incidence alarm, User definable text message for each alarm point, etc.
- **Programmable inputs and outputs.** In the c.i.e. and/or via I/O units on the COM loop. A large number of trigger conditions are available.
- **Outputs for routing equipment.** Fire alarm and Fault outputs.
- **Interface** (RS232) for a PC (EBLWin).
- **Interface** (RS232) and power supply for Web-server 1598.
- Optional RS485 transceiver 4552 provides an interface for up to eight display units.
- Optional expansion boards 458x mounted in an exp. board holder, provides zone line inputs 4580, relay outputs 4581 and I/O board 4583.

Up to 255 addresses

The **Firetracker** FT128V2 c.i.e. has one COM loop for connection of the loop units (address 001-255). Each loop unit uses one address.
Some **loop units** that can be connected:

- Analogue heat & smoke detectors
- Addressable manual call points
- Addressable short circuit isolators
- Addressable input and output units (to which e.g. conventional detectors and manual call points can be connected)
- Addressable sirens & sounder bases
- Addressable external power supply units

Miscellaneous

The cabinet has a space for two sealed Lead-Acid batteries (2x12 V, 7 - 24 Ah).
Firetracker FT128V2 is intended for indoor use and in dry premises.

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Type numbers	
4550	**Firetracker** FT128V2 c.i.e. (255 addresses). Batteries are not included.
4552	RS485 transceiver component, for up to four display units, i.e. External presentation unit 1728 or Alert Annunciation Unit 1736.
4551	Expansion board holder. (For two 4580 and two 4581 expansion boards.)
4580	8 zones expansion board. (Max. two per c.i.e.)
4581	8 relays expansion board. (Max. two per c.i.e.)
4583	I/O expansion board (Max. two per c.i.e)

The 4580 board can be used to connect *conventional* detectors and manual call points to **Firetracker** FT128V2. An end-of-line resistor (10KΩ for PCB 9287-2B or 4K7Ω for PCB 9287-3A) or end-of-line capacitor (470nF) shall be connected in the last alarm point on each zone line. More information is available in the **Firetracker** FT128V2 Operation and Technical Manuals.

Technical data	
Voltage primary (V AC) secondary (V DC) normal by battery backup	 230 24 21 - 30
Current consumption (mA)	Depending on connected units, etc. See FT128V2 Technical Manual
Ambient temperature (°C) Operating storage	 -5 to +40 -40 to +75
Ambient humidity (% RH)	max. 95, non condensing
Ingress Protection rating (estimated)	IP32
Inputs	1 COM loop for 255 addresses
	1 programmable input (NO / NC). R>200Ω = open circuit. Max. 2 mA
Outputs	1 programmable supervised voltage output (24 V DC, max. 500 mA)
	1 programmable supervised voltage output (24 V DC, max. 200 mA)2
	1 programmable relay output.[1] Default set for routing equipment (Fire brigade tx).
	1 non-programmable relay output. For routing equipment (Fault tx).
	Power supply (24 V DC, max. 200 mA) for routing equipment
	Power supply (24 V DC, max. 500 mA) for external equipment (Web-server, up to 4 ext. Display units, etc.) Web-server requires approx. 65 mA.
Interfaces	RS232 ("D" connector) for a PC (EBLWin)
	RS232 for a Web-server 1598
	Socket for an optional RS485 transceiver, for ext. FBPs, EPUs and/or AAUs.
Size H x W x D (mm) Medium	630 x 450 x 210
Large	920 x 450 x 210
Colour (metal cabinet)	Oyster, Powder coating
Approvals	ISO/AS 7240.2, ISO/AS7240.4, AS4428.3 and NZS4512

Note! All voltages are nominal. For more information see **Firetracker** FT128V2 Technical Manual

[1] Relay contacts: max. 1 A @ 30 V DC.

[2] Supervised output S1 is used to drive external relay on Brooks termination board. The relay provides 2 change over contacts for the general alarm

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