

## CAST Sounder Control Module

Part No. **CA738**



### Overview

- Allows a zone/circuit of conventional fire alarm sounders to be connected to a CAST protocol fire alarm system.
- Onboard short circuit loop isolator.
- Conventional sounder circuit is continually monitored for open and short circuit faults.
- 3mA typical alarm current (530uA typical quiescent current) @ 22-40V DC.
- Can provide up to 50mA output current (taken from the CAST addressable loop).
- Polling, sounder circuit active and sounder circuit fault indicators.

### More Information

'CAST' is the world's most-advanced 'distributed intelligence' fire alarm system protocol. Conceived, designed and realised by C-TEC as part of a five-year, multi-million pound project, it involved the creation of a powerful proprietary communication protocol (C-TEC Addressable System Technology, CAST) and multiple control panels & field devices. Now available to purchase, its key features include:

- 255 devices per loop.
- Autonomous decision-making for faster response times.
- Multiple type codes.
- 40V loop drive voltage.
- Two 'soft' addressing options - automatic via the panel or manual via a powerful handheld programmer.
- Powerful multi-level addressing facilitates easy device addition and swapped device identification.
- Multiple functionality at a single address (integrated devices) - coming soon.
- Volumes, tones & detector modes can be changed at compatible panels.
- High-speed data transmission and robust data transfer.
- Intrinsically EN54-13 compliant.
- Provides geographical location of short and open circuit faults (a short circuit isolator is included as standard in every CAST field device).
- Replace device function.
- Future seamless integration with other CAST life safety systems reducing energy, servicing, installation and repair costs.
- Designed and manufactured in the UK.





## Technical Specifications

|                          |  |
|--------------------------|--|
| Compatibility            | Compatible with C-TEC's XFP/ZFP CAST Addressable Fire Panels.  |
| Application/operation    | Allows a zone/circuit of conventional fire alarm sounders and visual alarm devices to be connected to a CAST compatible fire alarm system. |
| Supply/operating voltage | 22-40V DC  |
| Quiescent current        | 530uA typical.   |
| Zone current             | Can provide up to 50mA (taken from the CAST addressable loop)  |
| Alarm current            | 3mA @ 22-40V DC.   |
| Indicators               | Polling, sounder circuit active and sounder circuit fault indicators.  |
| Product dimensions (mm)  | 147 W x 87H x 22 D mm. Can be mounted on a standard 25mm UK flush or surface double gang back box.   |
| IP Rating                | IP40 when correctly installed.   |
| Weight                   | 122g.  |



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