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, it involved the creation of a powerful proprietary communication protocol (C-TEC Addressable System Technology, CAST) and multiple control panels & field devices. 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) via our CAST-PRO devices. • Volumes, tones & detector modes can be changed at compatible panels. • High-speed data transmission and robust data transfer. • Intrinsically EN54-13 compliant. • 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

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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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