C-TEC

CAST Weatherproof Hi-Output W-2.75-9 Wall VAD c/w 103dB(A) Sounder (deep base) (IP55)

Part No. CA433A/DR/65

Overview

- LPCB certified to EN54-3, 17 & 23 and Kiwa Telefication certified to EN54-13.
- Provides 'W-2.75-9' rated light distribution. Also rated as a W-4-4 VAD.
- Impressive 103dB(A) sound output @ 1m.
- Onboard short-circuit loop isolator.
- 13.5mA typical alarm current (460µA typical quiescent current) @ 27-40V DC (VAD lit, sounder on max).
- Group addressing facility allows multiple devices to be operated simultaneously.
- 4 selectable volume levels and 31 selectable tones.
- IP55 (Type B) rated.

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

Approvals/certifications	LPCB certified to EN54-3, 17 & 23 and Kiwa Telefication to EN54-13.
Protocol/compatibility	Compatible with C-TEC's CAST protocol Addressable Fire Panels.
Application/operation	Designed to be wall mounted. IP55 rated and suitable for use outdoors.
VAD category & coverage	W-2.75-9 rated light distribution. Also certified as a W-4-4 rated VAD.
Flash rate & colour	0.5Hz / White.
Supply/operating voltage	27 to 40V DC.
Quiescent current	460µA.
Nominal SPL (Sound Pressure Level)	103dB(A) when set to tone 1.
Alarm current	13.5mA @ 27-40V (VAD lit, Sounder on max).
Indicators	Polling (red LED).
Product dimensions (mm)	114mm diameter x 131mm deep.
IP Rating	IP55 (Type B).
Weight	315g.
Operating conditions/temperature	-10ºC to +55ºC. Max. 95% RH (Non-condensing).