

# CAST-PRO Heat Detector

Part No. CP402



## Overview

- A programmable CAST-PRO heat detector.
- Certified to EN54-5 & 17
- Compatible with C-TEC's ZFP touchscreen-controlled CAST protocol addressable fire panel.
- Onboard short circuit loop isolator.
- Includes two 8mm x 2mm ultra-bright red LED indicating strips.
- Three operation modes - can be programmed to operate as an A1R, A2 or B heat detector.
- <1mA alarm current.
- 570A typical quiescent current @ 40V DC.
- Compatible with C-TEC's CA408 CAST base c/w integrated locking mechanism & ID tag.



## More Information

## Technical Specifications

Approvals/certifications	CPR number 0063-CPR-242190023, KIWA certified to EN54-5 & 17.
Compatibility	Compatible with C-TEC's ZFP CAST Addressable Fire Alarm Systems
Type	Class A1R, Class A2 or Class B Heat (Programmable).
Sensitivity	3 Detection Modes (class A1R, A2 or B heat, default is Class A2).
Supply wiring	2-wire, polarity sensitive.
Supply/operating voltage	22 to 40V DC.
Quiescent current	570uA @ 40V.



Alarm current (Imax at Vmin)	<1mA.
Alarm current (Iavg at Vmin)	<1mA.
Sound pressure level (LAFmax) at Vmax at 1m	N/A.
VAD category & coverage	N/A.
Indicators	2 LED indicator strips emitting red light when in alarm offering 360° visibility. Optional remote LED.
Connections	Via CA408 base: 1 +Ve IN (analogue switch); 2 +Ve OUT (analogue switch); 3 Remote LED +Ve; 4 0V; 5 0V; 6 Screen; 7 Screen.
Product dimensions (mm)	105mm diameter x 48mm deep (detector only); 105mm diameter x 65mm deep (detector in base).
IP Rating	IP21C
Weight	118g (not in base); 172g (in base).
Operating conditions/temperature	-10°C to +50°C. Max relative humidity: 95% (non-condensing)
Notes	Requires a CA408 CAST base. CA408R relay base also available.



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