# Analogue Heat Detector 4408

## Key Features:

- State of the art design for the highest safety and reliability
- Programmable with 3 heat categories: A1, A2 S and B S
- Conforms to AS7240.5:2018
- Can connect to external remote indicator
- Backward compatible with all Firetracker systems (normal mode)

## Product description

4408 is a new analogue heat detector from Panasonic that can be plugged in the standard mounting bases 3312, 3313 and 3379.

The detector has two red indicators to flash in case of fire alarm and another green polling indicator.

The green polling LED can blink 20ms every 7 seconds if the check box "Flashing green polling LED" is selected in EBLWin system properties, page 2 in software ≥ V3.4.x. When 4408 is set in test mode, the green polling LED will be turned off to indicate the detector is currently in test mode. If the check box is not selected, the green LED remains off.

When a new 4408 with default address setting "000" is connected to a loop, 4408 red LED will be flashing every three second to indicate that the address has not been set.

4408 must have its own unique address 001-253 set by address setting tool 4414.

*Note*: the COM loop address and mode settings must be performed before the unit is connected to the COM loop.

## Specifications

| Function | Description |
|---|---|
| Max. Voltage<br>Normal voltage | 12 – 30.0 $V_{DC}$<br>24 $V_{DC}$ |
| Quiescent Current<br>Active (incl. internal LED)<br>Active (incl. external LED) | 0.3 mA<br>2.3 mA<br>4.3 mA |
| Short circuit isolator | No |
| Ambient Temperature<br>(Min / Typical / Max.) | A1: -20 / +25 / +50 ºC<br>A2 S: -20 / +25 / +50 ºC<br>B S: -20 / +40 / +65 ºC |
| Material & Colour | Modified Polycarbonate, White |
| Sensitivity | A1: rate of rise ≤ 4ºC<br>A1: rate of rise > 4ºC<br>A2 S: 60ºC<br>B S: 74ºC |
| Addressing mode | Normal Mode only |

| Date | Rev | Description | Title | | Datasheet | | | |
|---|---|---|---|---|---|---|---|---|
| | | | **Analogue Heat Detector 4408** | | | | | |
| 19/11/24 | 1 | Correct compliance reference | | | **Created** | **Checked** | **TDS No.** | **Rev** |
| 1/7/2024 | 0 | Original Issue | | | Anis S. | Anis S. | TDS077 | 1 |
| Date | Rev | Description | | | 1/7/2024 | 1/7/2024 | | |