



PANASONIC

Panasonic 4409 IP67 addressable heat detector

Product code 41301 · Fire alarm systems > Field devices > Detectors

Analogue addressable heat detector in a watertight IP67 housing. Intended for outdoor areas and damp indoor premises; the alarm class is selected from A1, A2S or BS.

- Watertight IP67 housing for outdoor and damp premises
- Selectable alarm algorithms: A1, A2S and BS (EN 54-5)
- Connection for an external indicator, e.g. 2218
- Dedicated junction box with cable glands for ceiling mounting
- Approved to EN 54-5



Product description

Panasonic 4409 is an analogue addressable heat detector with a watertight (IP67) housing. The detector is intended for outdoor areas and damp indoor premises. It must not be installed in strong sunlight or in rooms where the temperature drops below -20°C . Temperature is measured with a thermistor in the range $0-100^{\circ}\text{C}$ in 0.5°C steps.

The alarm algorithm is selected in EBLWin from three classes in accordance with EN 54-5: A1 (alarm at 56°C , or at 46°C with a rapid rise of more than $4^{\circ}\text{C}/\text{min}$), A2S (60°C) or BS (74°C). In class BS, the detector is suitable for rooms where the typical temperature can be as high as 40°C . The detector LED lights up in an alarm, and an external indicator can be connected, for example remote indicator 2218 (terminals E+ and E-, current max. 2.6 mA).

Installation

- The junction box is mounted on the ceiling; screws are not included
- Cables are brought in through compression glands (tightened to at least 4 Nm); for cables under 6 mm, use the rubber tube supplied
- The COM loop is connected to the SA/SB terminals of the box, and the detector is fixed to the box with two screws
- Address 001-253 is set with tool 4414 or 4414E before connection to the loop
- NORMAL mode: EBL512 G3, EBL128 and EBLOne V ≥ 3.3

Technical data

Product code	41301
Manufacturer	Panasonic
Product group	Fire alarm systems > Field devices > Detectors
Colour	Grey (Munsell N8)

Weight	112 g
Dimensions	Ø 100 × 78 mm
LED	Red
IP rating	IP67
Operating temperature	-20...+50 °C (A1, A2S), -20...+65 °C (BS)
EN 54 approval	EN 54-5 (A1, A2S, BS)
VdS approval	G222045 (valid until 3 November 2026)
CPR	0786-CPR-21764
Storage temperature	-45...+70 °C
Humidity	Max. 95% RH, non-condensing
Material	Modified polycarbonate
Operating voltage	12-30 V DC (nominal 24 V DC)
Current consumption (quiescent)	0.185 mA
Current consumption (alarm)	2.3 mA ($\leq$ 3.65 mA with external indicator)
Alarm temperature	A1: 56 °C / 46 °C, A2S: 60 °C, BS: 74 °C
Detector class	A1, A2S, BS
Address range	001-253
Short-circuit isolator	No
Connection	COM loop (SA/SB) and external indicator (E+/E-) in the junction box
Compatibility	EBL512 G3, EBL128, EBLOne V $\geq$ 3.3
Mounting	Ceiling mounting on a junction box, outdoor and damp areas
Standards	EN 61000-6-3, EN 50130-4, EN IEC 63000 (RoHS)

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Technical datasheet: 4409 IP67 addressable heat detector

Certificate: EU declaration of conformity, no. ESSC-F00032-01

Certificate: CPR certificate of constancy of performance, no. 0786-CPR-21764

Certificate: VdS approval, no. G 222045

Certificate: Declaration of performance (DoP), no. 0786-CPR-21764 (document ID ESSC-FP0032-1)

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/panasonic-4409-ip67-lampoilmais-in-osoitteellinen/