



PANASONIC

Panasonic 6295 IP67 conventional heat detector 57 °C

Product code 41480 · Fire alarm systems > Field devices > Conventional detectors

Conventional fixed-temperature heat detector with an alarm temperature of 57 °C. The IP67-rated detector is intended for outdoor areas and indoor premises with high humidity.

- Fixed alarm temperature 57 °C, EN 54-5 class A2S
- IP67 – for outdoor areas and damp premises
- Operating temperature -40...+50 °C
- Latching alarm: reset only at the control panel
- Connection for an external indicator
- ATEX: Ex ic, gas and dust atmospheres (zones 2 and 22)



Product description

Panasonic 6295 is a conventional heat detector that gives an alarm at a fixed temperature of 57 °C. The detector is intended for outdoor areas and indoor premises with high humidity. It belongs to the 6295–6298 series, whose models differ in alarm temperature (57, 72, 87 and 117 °C).

The sensing part of the detector is a heat collector plate and a bimetal switch, and it meets the requirements of EN 54-5 in class A2S. The alarm is latching: the alarm and the detector indicator stay on, even if the temperature drops, until the alarm is reset at the control panel. An external indicator can be connected to the detector, for example remote indicator 2218. The model is also ATEX-approved (Ex ic) for use in classified gas and dust atmospheres via a galvanic isolator; in this case, an external indicator must not be connected.

Installation

The detector is connected to a conventional zone line of the fire alarm control panel, and an end-of-line resistor matching the control panel is connected to the last device on the line. The junction box is mounted on the ceiling and can be fitted with one to three cable glands (cable diameter 4–8 mm). The conductor size is 0.6–1.2 mm (0.3–1.13 mm²). The detector is fixed to the box with two screws. Operation can be tested with, for example, Solo or Testifire test equipment.

Technical data

Product code	41480
Manufacturer	Panasonic
Product group	Fire alarm systems > Field devices > Conventional detectors
Colour	Grey

Weight	82 g
Dimensions	Ø 100 × 75 mm
IP rating	IP67
LED	Red
Operating temperature	-40...+50 °C
Alarm temperature	57 °C (EN 54-5 class A2S)
EN 54 approval	EN 54-5
VdS approval	G223021
CPR	0786-CPR-21786
Material	Flame-retardant ABS and polycarbonate
Operating voltage	12–30 V DC (nominal 24 V DC)
Current consumption (quiescent)	0 mA
Current consumption (alarm)	35 mA
Humidity	Max. 95% RH, non-condensing
Connection	Push-in terminals, conductor Ø 0.6–1.2 mm
ATEX classification	II 3 G Ex ic IIC T5 Gc X, II 3 D Ex ic IIIC T100 °C Dc X (-40 °C ≤ Ta ≤ +50 °C)

Documents

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

Technical datasheet: 629x series conventional detectors

Certificate: EU declaration of conformity, no. ESSC-F00023-08

Certificate: Declaration of performance (DoP), no. ESSC-FP0023-10 (0786-CPR-21786 (6295), 0786-CPR-21787 (6296))

Certificate: CPR certificate of constancy of performance, no. 2531-CPR-232.1192

Certificate: VdS approval, no. G 223021

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/panasonic-6295-ip67-60c-lampoilmais-in-konvention/