



PANASONIC

Panasonic 4445 addressable local alarm acknowledgement button

Product code 41416 · Fire alarm systems > Field devices > I/O units

Addressable local alarm acknowledgement button for apartments and similar premises. The resident acknowledges a local smoke alarm and airs the room before the alarm is transmitted to the fire brigade.

- Reduces unnecessary alarms to the fire brigade
- Acknowledgement time 10–120 s and investigation time 1–9 min programmable
- 1–5 smoke detectors and a base sounder per LAA group
- Up to 100 LAA groups (EBL512 G3, EBLOne), 50 (EBL128)
- Wall mounting with frame or flush mounting in a 65 mm box



Product description

Panasonic 4445 is an addressable local alarm acknowledgement button (LAAU) that is connected to the COM loop. It is installed, for example, in an apartment or similar premises together with a smoke detector and a base sounder. When the detector detects smoke, the base sounder sounds locally and the red LED of the button lights up.

If the green button is pressed within the acknowledgement time (10–120 s, default 30 s), the local sound is silenced and the investigation time (1–9 min, default 3 min) begins, during which the smoke can be aired out. If the detectors return to normal within the investigation time, the alarm ends. Otherwise, or if the button is not pressed, the control panel gives a normal fire alarm, which is transmitted to the fire brigade and the alarm systems. The acknowledgement can be programmed to be repeatable up to three times.

One LAA group consists of 1–5 analogue smoke detectors (4401, 4401I, 4400, 4400I or wireless 4611), at least one buzzer, such as base sounder 4479, and one acknowledgement button. From EBLWin 2.4.1 onwards, a whole detection zone can be connected to an LAA group. With multi-sensor detectors 4400 and 4400I, the function can be set to be aborted by a heat alarm (56 °C).

Installation

- Wall mounting with frame or flush mounting in a 65 mm round box
- The address 001–253 and NORMAL mode are set with tool 3314 or 4414 before connection to the loop
- All devices in an LAA group must be on the same control panel

Technical data

Product code	41416
Manufacturer	Panasonic
Product group	Fire alarm systems > Field devices > I/O units
Weight	39 g
Dimensions	84 × 84 × 22 mm
IP rating	IP43
Operating temperature	-10...+55 °C
EN 54 approval	Designed to meet the requirements of EN 54-18:2005
Storage temperature	-25...+70 °C
Humidity	Max. 90% RH, non-condensing
Colour	White
Material	Flame-retardant ABS and polycarbonate
Operating voltage	12–30 V DC
Current consumption (quiescent)	< 2 mA
Current consumption (alarm)	< 5 mA
Acknowledgement time	10–120 s (programmable)
Investigation time	1–9 min (programmable)
Address range	001–253
Short-circuit isolator	No
Compatibility	EBL512 G3, EBLOne, EBL128
Mounting	Wall mounting with frame or flush mounting in a 65 mm box
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: 4445 addressable local alarm acknowledgement button

Certificate: EU declaration of conformity, no. ESN-F00306-06

Request a quote or ask for more information

Sales +358 40 668 7641 · myynti@pap.fi · Mon–Fri 8 am – 4 pm (Finnish time)

Up-to-date information and documents: pap.fi/en/tuote/panasonic-4445-paikallinen-halytyksenkuittauspaini/