



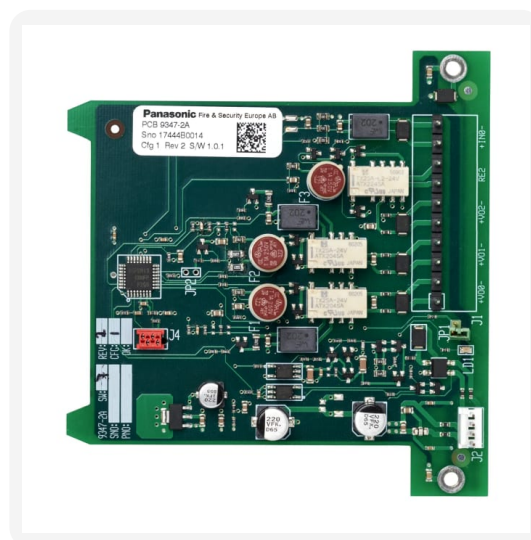
PANASONIC

Panasonic 4464 expansion board with two voltage outputs

Product code 41271 · Fire alarm systems > Field devices > I/O units

Addressable expansion board for the 4466 power supply: two supervised 24 V DC outputs for alarm devices, an output for closing fire doors and a general-purpose input. The board is addressed automatically.

- Installed inside the 4466 power supply, max. 2 boards
- 2 supervised 24 V DC outputs for alarm devices (EN 54-13)
- Fire door output VO2 and parallel relay contact RE2
- General-purpose input, e.g. for monitoring fire door closure
- Automatic addressing via the 4466 power supply
- Approved to EN 54-18 and by VdS (G219025)



Product description

Panasonic 4464 is an addressable expansion board with two voltage outputs, installed inside the 4466 external power supply. The board receives a 24 V DC supply from the power supply and is protected against loop short circuits by the short-circuit isolator of the power supply. Up to two expansion boards can be installed in one power supply.

Outputs VO0 and VO1 are programmable 24 V DC alarm device outputs. When supervised, they detect short circuits and open circuits in accordance with EN 54-13 when the 4472 end-of-line device is installed at the end of the line; no calibration is required. Output VO2 is intended for closing fire doors: it is controlled by a control expression, and it cuts the voltage approximately 30 seconds after a mains failure or loss of loop communication. Relay contact RE2 (2 A 30 V DC) is controlled at the same time. General-purpose input IN0 can monitor fire door closure, for example. Each output is max. 1 A, with a total of max. 2 A; with simplified 10 k Ω supervision an output can be 2 A, but EN 54-13 is then not met.

Installation and compatibility

- Attached to charger board 4467 inside the 4466 power supply; screws included
- The address is assigned automatically: power supply address +1 or +2
- Advanced mode: EBL512 G3 and EBL128 V $\geq$ 2.5
- Conductor size $\varnothing$ 0.65–1.6 mm (0.33–2 mm²)

Technical data

Product code	41271
Manufacturer	Panasonic
Product group	Fire alarm systems > Field devices > I/O units

Dimensions	108 × 114 × 15 mm
Operating voltage	24 V DC from power supply 4466 (16–30 V DC); loop 12–30 V DC
Weight	59 g
Operating temperature	–5...+40 °C
EN 54 approval	EN 54-18
VdS approval	G219025
CPR	0786-CPR-21627
Storage temperature	–20...+70 °C
Humidity	Max. 95% RH, non-condensing
Material	Polycarbonate
Current consumption (quiescent)	≤ 15 mA (24 V), < 6 mA from the loop
Outputs	VO0 and VO1 supervised, VO2 for fire doors; each max. 1 A, total 2 A; RE2 2 A 30 V DC
Inputs	1 general input, supervision with 10 kΩ end-of-line resistor
Address range	001–253 (automatic)
Short-circuit isolator	No (isolator in power supply 4466)
Compatibility	EBL512 G3, EBL128 V ≥ 2.5
Mounting	Expansion board for power supply 4466
Standards	EN 55032, 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: Panasonic 4464 expansion board with two voltage outputs

Product brochure: Panasonic 4464 expansion board with two voltage outputs

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-4464-2-janniteulostulon-laajennuskortti/