



PANASONIC

Panasonic 4466 addressable power supply

Product code 41270 · Fire alarm systems > Field devices > I/O units

Addressable external 24 V DC power supply with battery backup. Connected to the COM loop for monitoring, it supplies alarm devices and fire door holding magnets, for example.

- Two 24 V DC outputs, each max. 2 A
- The control panel monitors mains, batteries and charger via the loop
- Space for two 12 V 7.2 Ah batteries, up to 42 Ah batteries in the external 5014 cabinet
- Two expansion boards: 4464 voltage outputs or 4585 loop repeater
- Built-in short-circuit isolator
- Approved to EN 54-4, EN 54-17 and EN 54-18, and by VdS



Product description

Panasonic 4466 is an addressable external power supply for devices that need a battery-backed 24 V DC supply. The power supply consists of a switched-mode power supply and a charger board, and it is connected to the COM loop so that the fire alarm control panel monitors the mains supply, the batteries, the internal resistance of the battery circuit and the charger. The power supply has a built-in short-circuit isolator and is intended for dry indoor areas.

The power supply has two 24 V DC outputs, each max. 2 A. The total continuous current is 3.0 A or 1.5 A depending on the charging current mode, and max. 4 A during a fire alarm. The enclosure holds two 12 V / 7.2 Ah lead-acid batteries; larger batteries of up to 42 Ah are placed in the separate 5014 battery cabinet. Up to two expansion boards can be installed on the charger board: the 4464 voltage output board or the 4585 loop repeater. The /OK output reports a mains fault, for example to the fire door function of the 3364 unit.

Installation and compatibility

- Wall mounting with the cable entry plate facing upwards; weight with batteries approx. 10 kg, screws not included
- Mains supply 230 V AC with protective earth, all-pole disconnecting device in the building installation
- Reserve three loop addresses (power supply + two expansion boards); automatic or manual addressing with the 4414/4414E tool
- Advanced mode: EBL512 G3 $V \geq 2.5$, EBLOne $V \geq 3.3$; NORMAL mode EBL512 G3 and EBL128 (as type 3366)

Technical data

Product code	41270
Manufacturer	Panasonic
Product group	Fire alarm systems > Field devices > I/O units

Weight	4.66 kg (with batteries 9.66 kg)
Dimensions	298 × 424 × 95 mm
IP rating	IP30
Operating temperature	−5...+40 °C
Operating voltage	230 V AC (195–253 V AC); loop 12–30 V DC
EN 54 approval	EN 54-4, EN 54-17, EN 54-18
VdS approval	G219025
CPR	0786-CPR-21627
Storage temperature	−20...+70 °C
Humidity	Max. 95% RH, non-condensing
Colour	Light grey (NCS S1500-N)
Material	Metal enclosure
Current consumption (quiescent)	≤ 6 mA from the loop
Outputs	2 × 24 V DC, each max. 2.0 A; continuous total 3.0 A or 1.5 A, 4 A in alarm
Battery	2 × 12 V 7.2 Ah in the enclosure, max. 42 Ah in external cabinet 5014
Address range	001–253 (reserves 3 addresses)
Short-circuit isolator	Built-in
Compatibility	EBL512 G3, EBL128, EBLOne V ≥ 3.3
Mounting	Wall mounting, dry indoor areas
Standards	EN 55032 class A, EN 50130-4, EN 62368-1 (LVD), 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: 4466 addressable power supply

Certificate: EU declaration of conformity, no. ESN-F00318-02

Certificate: Declaration of performance (DoP), no. ESN-FP0318-01

Certificate: CPR certificate of constancy of performance, no. 0786-CPR-21627

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/panasonic-4466-osoitteellinen-teholahde/