



PANASONIC

Panasonic 3364 I/O unit, supervised 24 V outputs

Product code 41370 · Fire alarm systems > Field devices > I/O units

Addressable voltage output unit with two supervised 24 V DC outputs for alarm devices and one output for closing fire doors. Connected to the COM loop and an external 24 V supply.

- Two programmable, supervised 24 V DC outputs for alarm devices
- Separate 24 V DC output for fire door holding magnets
- Door output is cut approx. 30 s after a mains or loop fault
- Outputs max. 1 A continuous
- Approved to EN 54-18, CPR 0786-CPR-21201
- DIN rail mounting with the 3363 accessory



Product description

Panasonic 3364 is an addressable unit with two supervised voltage outputs for Panasonic EBL fire alarm control panels. The unit is connected to the COM loop, and the operating voltage for the outputs is taken from an external 24 V DC power supply. It is suitable, for example, for controlling sounders and beacons and for releasing fire door holding magnets in dry indoor areas.

The unit has three outputs. VO0 and VO1 are programmable and supervised, intended for sounders, beacons and other alarm devices. Line supervision is based on 470 nF capacitors, and the value is calibrated from the control panel menu; an open circuit, a short circuit or a deviation from the calibrated value is reported as a fault. VO2 is an unsupervised output for closing fire doors. It is controlled by a control expression, and it also cuts the voltage after approximately 30 seconds if the /Mains OK input reports a mains fault or communication on the COM loop is lost. The outputs are programmed with the EBLWin software.

Installation and compatibility

- The address (001–253) is set with the 4414 address setting tool
- Compatible with EBL512 G3, EBL128 and EBL512 ($V \geq 2.2$)
- Wall or ceiling mounting, 10 cable entries in the cover
- DIN rail mounting with the 3363 adapter kit
- One 5098 end-of-line device is required for each supervision capacitor
- Conductor size $\varnothing$ 0.6–1.6 mm (0.28–2 mm²)

Technical data

Product code	41370
Manufacturer	Panasonic
Product group	Fire alarm systems > Field devices > I/O units

Weight	110 g (with protective cover 155 g)
Dimensions	90 × 70 × 32 mm (with protective cover 129 × 73 × 45 mm)
Operating voltage	12–30 V DC from the loop (nominal 24 V DC); external supply 18–30 V DC
Operating temperature	–10...+55 °C
EN 54 approval	EN 54-18
CPR	0786-CPR-21201
Storage temperature	–20...+60 °C
Humidity	Max. 95% RH, non-condensing
Colour	Dark grey
Material	Flame-retardant ABS and polycarbonate
IP rating	IP54
Current consumption (quiescent)	< 6 mA
Current consumption (alarm)	< 6 mA
Outputs	VO0 and VO1 supervised, VO2 unsupervised; each max. 1 A (10 ms 1.4 A)
Address range	001–253
Short-circuit isolator	No
Mounting	Surface mounting on wall or ceiling, DIN rail with accessory 3363
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: Panasonic 3364 I/O unit

Certificate: CPR certificate of constancy of performance, no. 0786-CPR-21201

Certificate: EU declaration of conformity, no. ESSC-F00014-10

Certificate: Declaration of performance (DoP), no. 0786-CPD-21201 (document ID ESSC-FP0014-7)

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/panasonic-3364-i-o-yksikko-24-v-valvotuilla-ulostu/