



PANASONIC

Panasonic 2000K EBLOne

Product code 41042 · Fire alarm systems > Control equipment

Addressable single-COM-loop fire alarm control panel with a 7" touchscreen. On the 2000K model, the fire brigade key also gives access to the touchscreen.

- One COM loop, up to 253 addresses and alarm points
- 7" capacitive colour touchscreen and 12 status LEDs
- Fire brigade key gives access to display functions (2000K)
- Approved to EN 54-2 and EN 54-4
- Commissioning with a wizard on the panel or with EBLWin
- Outputs for alarm and fault transmission, 2 programmable inputs



Product description

Panasonic EBLOne 2000K is an addressable fire alarm control panel for sites where a single COM loop is sufficient, such as sheltered housing, accommodation premises, day-care centres, schools and shops. Up to 253 addressable devices can be connected to the loop. The panel meets the requirements of EN 54-2 and EN 54-4 and is intended for dry indoor spaces.

The panel is operated with a 7-inch capacitive colour touchscreen with 12 status LEDs. In a fire alarm, the display shows which alarm points have triggered the alarm and displays the programmed alarm text. There can be ten users on three user levels, and users log in with a six-digit password. On the 2000K model, the fire brigade key also gives access to the display buttons. Commissioning can be done on the panel with a wizard or with EBLWin via the USB-C connection.

The panel has relay outputs for fire alarm and fault transmission, two programmable inputs, a monitored 24 V output S1 (max. 250 mA) and voltage outputs for auxiliary equipment and a gateway. An internal switched-mode power supply (230 V AC / 24 V DC, 1.7 A) and one or two 12 V 17 Ah batteries (not included) ensure the power supply.

Installation

The panel is mounted on a wall on a non-combustible surface, such as concrete. The mains supply is taken from a dedicated fuse via a double-pole safety switch. The COM loop conductor size is 0.3–2 mm².

Technical data

Product code	41042
Manufacturer	Panasonic
Product group	Fire alarm systems > Control equipment
COM loop	1 (max. 350 mA)

Sub-loops	Up to 4 sub-loops using a COM loop repeater
Addresses	Max. 253 addresses and 253 alarm points
Display	7" capacitive TFT touchscreen, 1024 × 600
USB port	USB Type-C
Output	Relays for fire alarm and fault routing, supervised 24 V output S1 (≤ 250 mA)
Input	2 programmable inputs
Weight	4 kg (without batteries)
Dimensions	422 × 310 × 122 mm (H × W × D)
Battery	1–2 × 12 V 17 Ah VRLA (not included)
IP rating	IP30
Operating temperature	–5...+40 °C (indoor use only)
EN 54 approval	EN 54-2, EN 54-4
CPR	0402-CPRC500347 (EN 54-2), 0402-CPRC500348 (EN 54-4)
Operating voltage	230 V AC (195–253 V), 50 Hz
Power supply	230 V AC 1.1 A / 24 V DC 1.7 A
Material	PBS/ABS
Colour	RAL 9003
Humidity	Max. 95% RH, non-condensing
Mounting	Wall mounting on a non-combustible surface

Documents

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

Technical datasheet: EBLOne

User manual: EBLOne, daily operation

User manual: EBLOne v3.8.x

Design guide: EBLOne v3.8.x

Certificate: Declaration of performance (DoP), no. ESN-FP0329-01

Certificate: EU declaration of conformity, no. ESN-F00329-01

Certificate: CPR certificate of constancy of performance, no. 0402-CPR-C500348

Certificate: SBSC certificate (Sweden), no. 23-557

Certificate: DBI system certificate (Denmark), no. 232.301

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-2000k-eb1-one/