



PANASONIC

Panasonic 5001SPFI EBL512 G3, 4 loops, without display

Product code 41031 · Fire alarm systems > Control equipment

EBL512 G3 fire alarm control panel without display, with four COM loops. The panel is intended for distributed systems in which it is operated over the network from a panel with a display.

- 4 COM loops, up to 1,012 addresses and 512 alarm points
- No front panel or display – operated over the network from a 5000 panel
- Up to 30 panels in the network, copper or fibre link
- Up to 128 short-circuit isolators per loop
- Space for internal batteries 2 × 12 V, 17–28 Ah
- EN 54-2 and EN 54-4



Product description

Panasonic EBL512 G3 5001 is an intelligent, analogue addressable fire alarm control panel without a front panel, display or door. The panel without display is used in distributed systems in those parts of the building where local operation of the panel is not needed. It does not operate stand-alone but is connected via the network to a system that has at least one EBL512 G3 5000 panel with a display.

The panel has four COM loops, each of which can take up to 253 loop devices. The panel can be configured for 128, 256 or 512 alarm points, and a total of 1,012 addresses are available. The loop current is up to 350 mA, and each loop can be extended with four sub-loops using the COM loop repeater 4585. There can be up to 128 short-circuit isolators per loop. The panel also has four programmable monitored voltage outputs, two programmable relay outputs, four programmable inputs and relay outputs for fire and fault transmission.

Network and installation

The panels are connected to each other with the network board 5040 (EBL Ring network) or the TLON communication board 5090. Up to 30 panels can be connected to the same network, and the network can be implemented as a redundant copper or fibre cable network. The panel is wall-mounted; mounting plates are also available for a 19-inch rack (5020) and for a combustible surface (5021). Two 12 V 17–28 Ah batteries fit inside the panel; larger batteries (up to 65 Ah) are placed outside the panel. Batteries are not included in the delivery. The panel is intended for dry indoor spaces.

Technical data

Product code	41031
Manufacturer	Panasonic
Product group	Fire alarm systems > Control equipment

COM loop	4 (max. 350 mA / loop)
Sub-loops	Up to 16 sub-loops using a COM loop repeater
Programmable voltage output	4
Relay output	2
Supervised input	4
Voltage output	6
Weight	19 kg (without batteries), 41 kg (with batteries)
Dimensions	625 × 418 × 177 mm
Battery	2 × 12 V, 17–28 Ah inside the panel, max. 2 × 65 Ah external
IP rating	IP30
Operating temperature	–5...+40 °C
EN 54 approval	EN 54-2, EN 54-4
CPR	0402-CPR-C500143, 0402-CPR-C500142
Colour	Light grey (NCS S 1500-N)
Material	Aluminium-zinc coated steel (AZ150)
Operating voltage	230 V AC (195–253 V), 50 Hz
Humidity	Max. 95% RH, non-condensing
Capacity	Max. 1,012 addresses, 512 alarm points

Documents

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

Technical datasheet: EBL512 G3 5000 and 5001

Technical datasheet: EBL Firmware Manager

Technical datasheet: EBL Ring Network

User manual: EBL512 G3 user guide

User manual: EBL512 G3 v3.8.x

User manual: EBL512 G3 v3.8.x, daily operation

Design guide: EBL512 G3 v3.8.x

Certificate: VdS system approval, no. S 214004

Certificate: VdS approval, no. G 210058

Certificate: CNBOP-PIB certificate of admittance (Poland), no. 5011/2023

Certificate: CPR certificate of constancy of performance, no. 0786-CPR-20982

Certificate: CPR certificate of constancy of performance, no. 0402-CPR-C500142

Certificate: CPR certificate of constancy of performance, no. 0402-CPR-C500143

Certificate: EU declaration of conformity, no. D09-MFST-290-09

Certificate: Declaration of performance (DoP), no. D09-MFST-P291 (version 05)

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-5001spfi-eb1512-g3-4-silm-naytoton/