

FirePLC LC-1000

Manual Call Point and Smoke Detector Module

Device description

The FirePLC LC-1000 is a device that monitors the status of conventional smoke detectors, heat detectors, and manual fire alarm call points. The device allows for the connection of two independent detection lines. LC-1000 modules can be used in fire ventilation control centers that meet standards such as EN12101-6, EN 12101-10, EN 12101-13, and EN 54-4.

Features

Integration with the FirePLC family

Easy integration with devices from the FirePLC family, including BM-1000, EX-1000, and AM-1000, via the communication bus and without additional wiring.

Easy configuration

A user-friendly configuration application allows you to set up any building without the need for programming knowledge.

Detection lines

The LC-1000 monitors the status of two detection lines, which can include up to 32 conventional smoke detectors and manual fire alarm call points.

Relay outputs

The three built-in relay outputs in the LC-1000 enable integration with any controller.

Technical parameters

PARAMETER	VALUE
Supply voltage	21,5 - 30 V DC
Power consumption	typ. 80 mA, $I_{MAX} < 130$ mA
Output	Relays, control
Input	Digital
Terminator	10 kΩ / impulse module
Working temperature	from -25 °C to +50 °C
Enclosure protection rating	IP20
Dimensions	54x90x62 mm
Weight	120 g

