FirePLC AM-1000
Advanced Communication Module

Device destription

The FirePLC AM-1000 advanced communication module enables the configuration of a network consisting of up to 32 control panels, allowing for easy management of the entire ventilation system. Thanks to additional communication ports, the AM-1000 also allows integration with BMS/SCADA systems. AM-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 LC-1000, via the communication bus and without additional wiring.

Digital communication
Galvanically isolated digital communication enables the connection of up to 32 control panels into a single fast and redundant communication network.

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

Integration with BMS/SCADA and HMI systems
Additional Modbus RTU, RS-485 communication ports enable easy integration with SCADA systems and the creation of HMI panels that visualize the status of each control panel.

Technical parameters

PARAMETER	VALUE
Supply voltage	24 V DC ± 15%
Power consumption	typ. 90 mA, I_{MAX} < 160 mA
Battery	CR2032
Communication	Digital, Modbus RTU
Working temperature	from -25 °C to +50 °C
Output	Relay
Enclosure protection rating	IP20
Dimensions	108×90×62 mm
Weight	180 g