

FirePLC EX-1000

Communication Master for RM-1000

Device description

The FirePLC EX-1000 expands the FirePLC family with remote FirePLC RM-1000 Remote Control Module for Dampers. The implemented BUS communication bus ensures reliable, fast, and secure communication. EX-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, AM-1000, and LC-1000, via the communication bus and without additional wiring.

Communication BUS

The system allows for the connection of up to 64 devices, such as the FirePLC RM-1000, in a loop topology or two lines. The bus includes built-in short-circuit isolators that ensure proper operation under all conditions.

Easy configuration

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

BMS/SCADA

The system can be connected to BMS/SCADA systems via an RS-485 interface using the Modbus RTU protocol.

Technical parameters

PARAMETER	VALUE
Supply voltage	24 V DC \pm 15%
Power consumption	typ. 70 mA, $I_{MAX} < 300$ mA
Battery	CR2032
Communication	BUS, Modbus RTU
Working temperature	from -25 °C to +50 °C
Input	Digital
Output	Relay
Enclosure protection rating	IP20
Dimensions	108x90x62 mm
Weight	195 g

