

FirePLC RM-1000

Remote Control Module for Dampers

Device description

The external FirePLC RM-1000 module significantly reduces the amount of wiring in a building by relocating control closer to the actuating element. The RM-1000 controls and monitors the status of, for example, dampers, fire curtains, alarm sounder, and door release and holding devices. RM-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

Reduction of wiring

Thanks to the digital communication between the EX-1000 and RM-1000, it is possible to reduce the amount of wiring in the building. The RM-1000 controls, for example, dampers or fire signaling devices while being installed directly in their vicinity.

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.

NFC

The NFC interface allows for a quick overview of the module's status and testing of connected devices without the need to unscrew the cover or use a computer.

Control and monitoring of devices

Thanks to the relay outputs and continuity monitoring inputs, it is possible to control actuators and monitor their limit switches or to operate fire curtains.

Technical parameters

PARAMETER	VALUE
Supply voltage	24 V DC \pm 15%
Power consumption	typ. 20 mA, $I_{MAX} < 140$ mA
Communication	BUS, NFC
Working temperature	from -25 °C to +50 °C
Input	Digital
Output	Relays
Enclosure protection rating	IP54
Dimensions	105x200x83 mm
Weight	420 g

