

# FirePLC MD-1000

## Fan Connection Control Module

### Device description

The FirePLC MD-1000 monitors the continuity of power cables for a fan. The device detects interruptions in the cables and the disconnection of the fan through a service switch. MD-1000 modules can be used in fire ventilation control systems that comply with at least the standards EN 12101-6, EN 12101-10, EN 12101-13, and EN 54-4.

### Features

#### Fan monitoring

The MD-1000 monitors the correct connection of the fan to the control panel. The device automatically detects and signals any break in the wiring and the disconnection of the fan.

#### Simple operation

The MD-1000 is ready to operate immediately after connection and requires no configuration. Any detected faults are signaled by a change in the output state and an LED indicator.



### Technical parameters

PARAMETER	VALUE
Supply voltage	230 V AC $\pm$ 10 % 50 Hz
Power consumption	typ. 20 mA, $I_{MAX} < 100$ mA
Communication	NFC
Output	Phototransistor, control
Maximum length of monitored cable	40 m
Maximum capacity of monitored cable	20 nF
Maximum cross-section of monitored cable	50 mm <sup>2</sup>
Minimum power of the monitored motor	100 W
Working temperature	from -25 °C to +50 °C
Enclosure protection rating	IP20
Dimensions	54x90x62 mm
Weight	90 g

