RF Interface
FUIF511-27D

- **Up to 32 radio detectors can be controlled**

- **Radio detectors can be assigned to 2 detector zones**

- **Individual detector identification display via 32 LEDs**

- **High range of radio transmission**

- **Two frequency bands (868/434MHz) with automatic change-over**

- **Channel checked for availability**

Description

The RF Interface FUIF511-27D serves for the connection of up to 32 automatic or manual radio detectors. The interface is provided with two detector zones, each of them having separate alarm and fault detection relays. Up to 16 detectors can be assigned to each zone. The two zones can be reported to the fire detection control panel as collective messages, either in conventional technology or by means of auxiliary modules via the ADM loop. After an alarm activation the RF interface can be reset by the fire detection control panel, via the remote reset input.

The detectors are programmed (learned) at the RF interface by using built-in keys. For each radio component the receiver unit provides an individual LED indicator.

If necessary, several radio detection systems can be used in the same building, in order to integrate more than 32 radio components or to create more than 2 detector zones. A unique key, based on a choice of several million codes, is created, which ensures the unambiguous identification of the detectors.

The RF Interface FUIF511-27D is equipped with a power unit and can be protected against a power failure by means of a stand-by battery 7Ah. It is also possible to use an external power supply.

Specifications

Mains voltage	230VAC +10/-15%, 50Hz
Connection power	12VA
External supply voltage (supply through external power unit)	10 – 30VDC
Current consumption at 12V (supply through external power unit)	max. 110mA (quiescent), 120mA (alarm)
Range of radio transmission (free air)	400m
Frequency band	868MHz or 434MHz
Ambient temperature	0°C to +60°C
Dimensions W × H × D	300 × 390 × 140 (mm)
Colour	white
Weight (without battery)	8.7kg
Approval	VdS G206015
Order number	249201
Order name	RF Interface/4Rel FUIF511-27D

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