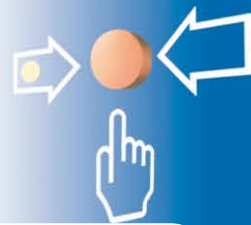


Conventional RF Interface

FI750/RF/CWE



- **Bi-directional communication with RF components Series FI750/RF**
- **Up to 127 wireless elements per RF interface**
- **Can be linked with up to 15 expanders**
- **Parameterisation via USB interface or menu operation**
- **Two-channel and two-path redundancy with range of up to 500m**



Description

The RF Interface FI750/RF/CWE forms a gateway between RF components Series FI750/RF and a fire detection control panel. The integrated relay is intended for transmitting the alarm via a conventional detector line. This allows connection to control panels of any manufacturer. Alternatively, an independent wireless fire detection system without a link to a fire detection control panel can also be realised.

Altogether, the RF interface can communicate with up to 127 wireless elements Series FI750/RF. The long range of transmission of up to 500m to wireless elements can be increased to more than 4km by using RF expanders. The RF interface can be linked with up to 15 RF expanders. In this way, a hierarchical RF system with up to 8 levels can be created.

Up to 32 wireless elements Series FI750/RF can be assigned directly to the RF interface and to every RF expander.

The device addresses are set by means of the PC software TauREX. In addition to the parameterisation of the RF system, this program also allows the analysis and graphical depiction of signal strength and transmission quality.

A fault of an RF component is indicated by a blinking light emitting diode.

The RF system is especially suitable for areas where cabling is impossible or uneconomical.

Specifications

Operating voltage	9-30 VDC
Current consumption at 24V	20mA
Range of radio transmission (free air)	max. 500m
Frequency band	868 MHz
Ambient temperature	-20°C to 70°C
Relative humidity	max. 95%
Protection class	IP65

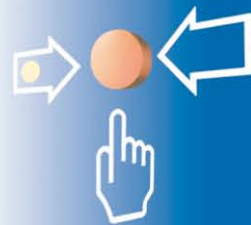


0051-CPR-2417

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Dimensions W x H x D	235 x 160 x 70 mm
Colour	white/black
Weight	700g
Approvals	0051-CPR-2417
Order number	249314
Order name	RF Expander Conventional/750 FI750/RF/CWE



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