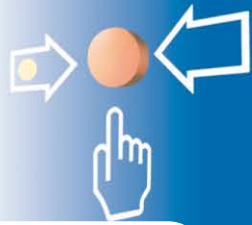


RF Expander

FI750/RF/WE



- **Bi-directional communication with RF components Series FI750/RF**
- **Up to 32 detectors, modules or signalling devices can be controlled**
- **Parameterisation via USB interface or menu operation**
- **Two-channel and two-path redundancy with range of up to 500m**



Description

The range of a loop RF Interface FI750/RF/W2W or of a conventional RF Interface FI750/RF/CWE can be increased to more than 4km by using RF expanders FI750/RF/WE.

The expander establishes a connection between the RF interface and the RF components Series FI750/RF. 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 every RF expander.

The RF expander and the hierarchical RF system are configured by means of the PC software TauREX. The

RF expander itself does not occupy an address.

Three LEDs indicate the system conditions ,power', ,fault' and ,alarm'. The two orthogonal antennas are accommodated in the case.

The RF expander must be powered by an external supply.

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

Specifications

Operating voltage	9-30 VDC
Current consumption at 24V	12 mA
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
Dimensions W x H x D	235 x 160 x 70 (mm)
Colour	white/black
Weight	700g
Approvals	0051-CPR-2416
Order number	249313
Order name	RF Expander/750 FI750/RF/WE



0051-CPR-2416

Building Safety. Building Security.

