



# FR748LED

## 700 Series - FR700 48 Zone LED Repeater

### General

The FR748LED is a LON700 based LED repeater. It allows for 48 red LED indicators that could be allocated to zone alarms or are freely programmable, together with basic fire panel controls and general indicators. Smart and compact, this unit provides a cost-effective solution for fire panel repeaters. Up to 32 LON700 nodes may be connected to the fire panel on a two-wire bus.

### Installer friendly

The FR748LED repeater provides an easy, cost effective solution for repeating the status of the fire panel. The units connect to the fire panel using a simple two-wire bus that can be up to 1500 meters in length. Up to 32 repeaters may be connected. The units are powered with 24 volt DC.

### User friendly

The FR748LED has a compact, pleasant and user-friendly design allowing the unit to be installed unobtrusively in reception areas, offices, lift lobbies, and such places.

It allows alarms to be displayed using an LED array. 48 RED alarm LEDs are available, together with standard general indication LEDs showing common fire, common fault, common disable, sounder status, and power ON. A buzzer warns of any new alarms. Push buttons allow the local control of the buzzer, silence/sound sounders, reset, and LED test.



### Details

- 2 wire connection between fire pane
- Up to 1500 metre bus length
- 24 Volt power supply
- Cost effective repeater solutions
- Easily installed, simple operation
- Common LED's with push button control
- LON700 compatible

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### Technical specifications

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#### Environmental

IP Rating	IP54
Operating temp °C	-5°C to +40°C
Storage Temperature	-20°C to +60°C

#### Power Supply

Operating voltage	12 to 30 VDC
Current consumption	500 mA max

#### Dimensions mm (w x h x d)

320 x 240 x 60
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#### Weight

1.5 kg
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#### Bus Connection

two wire
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#### Bus Cable

Cat 5
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#### Total number of repeaters per network

32
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