FRL700

700 Series - LON700 LCD Repeater

General

The LON700 LCD repeater is a smart and compact, cost-effective solution for fire panel repeaters. It is also available as an FBP700 fire brigade panel for Dutch and Scandinavian norms.

User friendly

The FRL700 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 and scrolled using an EN54 compliant 4 x 20 LCD display. Up to 20 characters of user text is displayed per alarm. While scrolling through the alarms, the latest fire alarm is always displayed. LED's show common fire, fault, disable, sounder status, and power on, whilst a buzzer warns of new conditions. Push buttons allow the control of silence buzzer, silence/sound bells, reset, and LED test.

Installer friendly

The FRL700 repeater provides an easy, cost effective solution for repeating the status of fire panels. The units connect to the fire panel using a simple two-wire bus, which can be up to 1500 metre in length. Multiple repeaters may be connected. The units are connected directly to the 1200 / 2000 series fire panels using a plug-on LON2000 interface. They are powered with 24 volt DC.

Details

- 2 wire connection between fire panel and repeaters
- Up to 1500 metre bus length
- 24 Volt power supply
- Cost effective repeater solutions
- Easily installed, simple operation
- 4 x 20 charater LCD display, common LED's, push button control
- LON700 module

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Technical specifications

General

Maximum system capacity (device count)	more than 160K
Network size (nodes)	1 to 32

Electrical

Operating voltage	+15 to +30 VDC
Current consumption	100 mA max. quiesent

Loop

Cable rating	CAT 5
Bus Connection	two wire LON700

Zone

Maximum zone capacity	up to 1024

Physical

Form factor	Small
Physical dimensions	240 x 320 x 60 mm (L x W x D)
Net weight	1.5 kg
Mounting type	Accessory

Environmental

Operating temperature	-5°C to +40°C

Total number of repeaters

700/1200/2000 Series	15

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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