

## Products

### F850773N

*Lon repeater LCD display*



PH348911.JPG

## Description

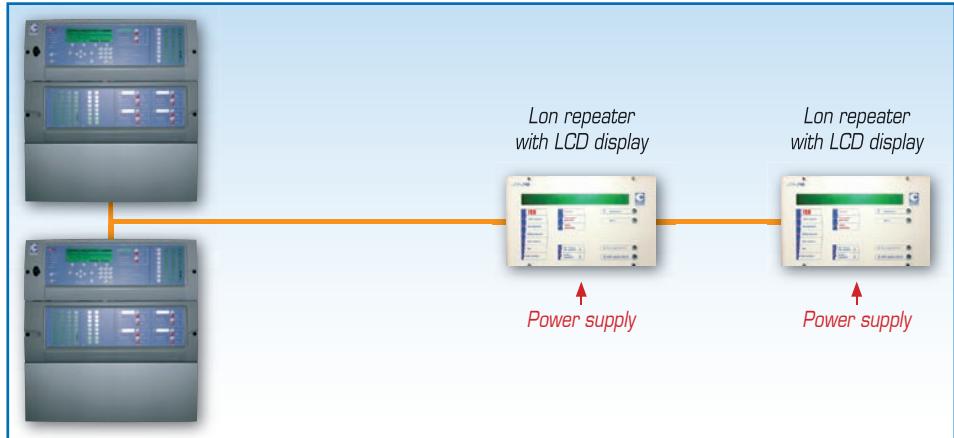
### Functionalities

The Lon repeater LCD display repeats information from one or more panels:

- Fire detection
- Technical alarm
- Fault
- Disablement
- Test
- Alarm

It is connected on the Lon bus.

### Performances

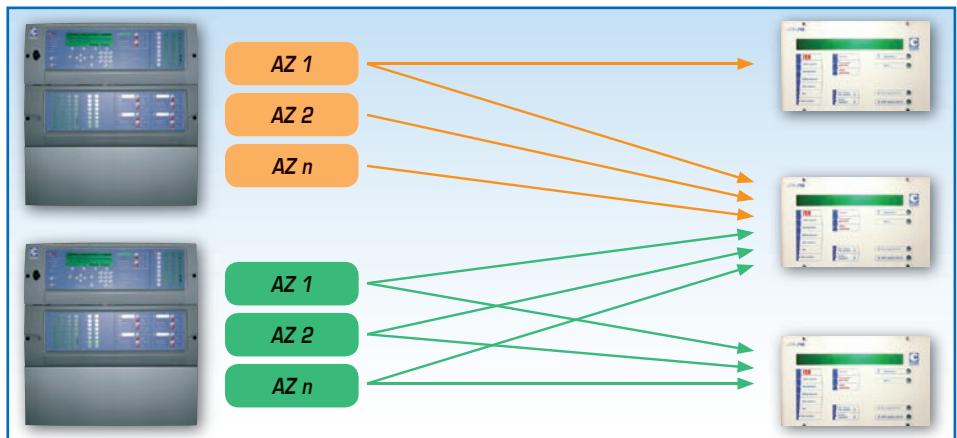


Maximum number of Lon repeater LCD display on a panel:

- Controlmaster 1010: 16
- Controlmaster 1020: 64
- Controlmaster 1000M: 120

Up to 250 Lon repeaters LCD display for all the panels connected on a single network.

### Configuration



Association of fire detection zones and alarm zones to repeater is fully configurable for each repeater.  
A Lon repeater LCD display is associated to information coming to single, a group or all panels on a network.

Article	Description													
	 <b>Technical characteristics</b>													
	<i>Electrical characteristics</i>													
	<ul style="list-style-type: none"> <li>• Dimensions: 132 x 216 x 47mm (H x W x D)</li> <li>• Steel painted white</li> <li>• Operating temperature: -5°C, + 50°C</li> <li>• Storage temperature: -10°C to + 60°C</li> <li>• Humidity: 93 % without condensation</li> <li>• IP rating: IP20</li> <li>• Power supply: 24VDC or 48VDC external power supply</li> </ul>													
	Power consumption:													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="background-color: #f0a000; color: white; text-align: center;">Lon repeater LCD display</th></tr> </thead> <tbody> <tr> <td style="text-align: center;">Power</td><td style="text-align: center;">24 Vdc</td><td style="text-align: center;">48 Vdc</td></tr> <tr> <td style="text-align: center;">Standby</td><td style="text-align: center;">15 mA</td><td style="text-align: center;">9 mA</td></tr> <tr> <td style="text-align: center;">During indicators test</td><td style="text-align: center;">45 mA</td><td style="text-align: center;">31 mA</td></tr> </tbody> </table>		Lon repeater LCD display			Power	24 Vdc	48 Vdc	Standby	15 mA	9 mA	During indicators test	45 mA	31 mA
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	<ul style="list-style-type: none"> <li>• Maximum number of Lon repeater LCD display for a panel: 120</li> </ul>													
	<i>Connection characteristics</i>													
	<b>Characteristics of cables for data transmission :</b> Two conductors, diameter 8/10 mm minimum Length : 1000 m maximum (superior length requires use of Lon isolator)													
	<ul style="list-style-type: none"> <li>• Enhanced Fire Resisting Cable e.g. 'mineral insulated copper covered, individual core size 1. sq mm minimum</li> </ul>													
	<b>Characteristics of cables for power supply :</b> Enhanced Fire Resisting Cable e.g. 'mineral insulated copper covered, individual core size													