

FM740

700 Series - LON700 Synoptic LED Driver For 80 LEDs And Common Indications

General

The FM740 is a LON700 output board to display LED's. It may be used in stand-alone mode (behind a mimic display panel) or be connected into a card cage (bucket) inside an FB/FP/FR700 fire panel. LED control is fully programmable from the control panel.

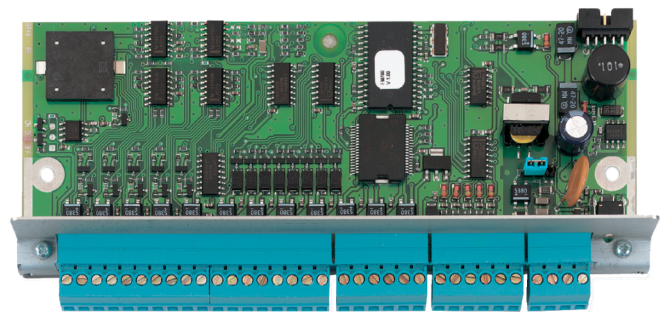
User friendly

The FM740 may be mounted as a stand-alone PCB behind a synoptic LED display, or in a custom FB780N enclose inside a card cage. Up to 84 dedicated and freely programmable LEDs may be connected to a single FM740 interface. Decicated inputs are provided for common control and an alarm buzzer is supplied standard on the PCB.

Configuration

When connected to the FP1200/2000 control panels, the LEDs connected to the FM740 are freely programmable. They may be operated in zone mode or in individual sensor mode whilst connected to any state available on the control panel albeit fire, fault, test, disabled etc. This allows for almost limitless indications on the remote synoptic LED display.

Five inputs are provided for controlling key switch enable/disable, silencing the local buzzer, resetting, LED testing, and notification start/stop.



Details

- LON700 Series serial communication network interface
- External 24 VDC power supply interface
- Digital inputs
- Open-collector outputs
- Matrix column and row outputs for driving LED's

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Technical specifications

Physical

Dimensions (h x w x d)	150 x 30 x 60 mm
Weight	200 g
Cable entry (top/rear)	NA

Environmental

IP Rating	-
Operating temperature	-5 to +40°C
Storage temperature	-20 to +60°C
Relative humidity (noncondensing)	10 to 95%

Standards & regulation

Certification	EN54-2
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Power supply

Operating voltage	19-30 VDC
Current consumption (max)	30 mA (40 mW per LED)

Connectivity

Communication ports	1 x LON700 port
Bus length (max)	1.5 km
Bus cable	2 Wire CAT5