

DXc Compact Mimic

Product Overview

The DXc Compact Mimic allows geographic 'floor map' zonal indicators to be built for situations where increased clarity of the fire location is required above that given by standard numbered zonal indicators.

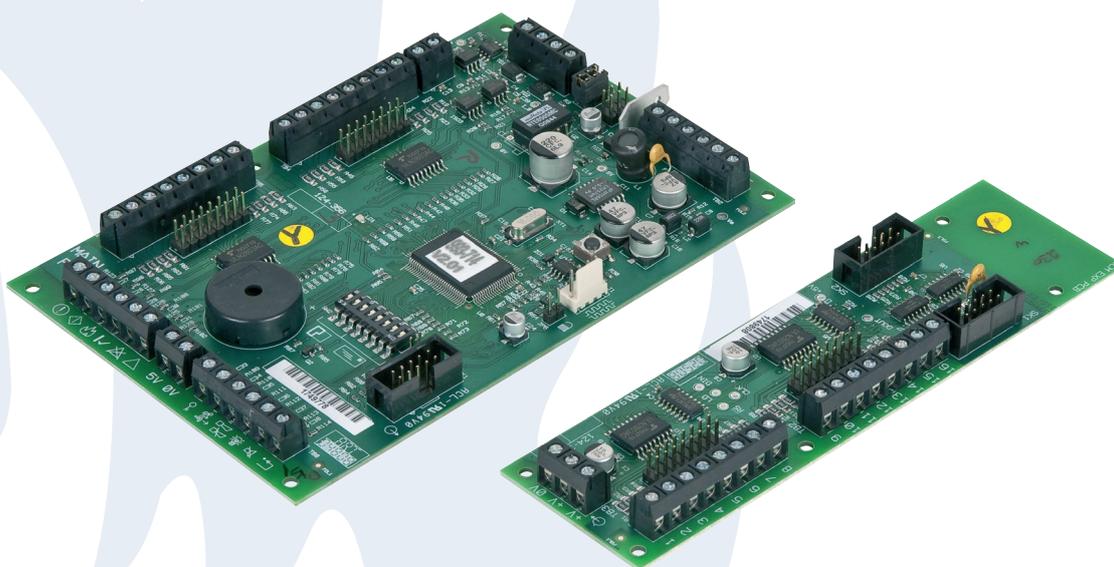
The Compact Mimic is an expandable system suitable for 'standard' or more complex applications where mimic displays are required in association with DXc fire control panels.

The Compact Mimic main board (020-909) can display General Fault, General Disablement, Power OK (Mimic's own power status), General Fire, TEST, Communication Fail state, 16 LED's or relay outputs configured to follow the fire and fault status* and has provision for Evacuate, Silence Sounders, Lamp Test, Mute Buzzer and Reset pushbuttons and for a level 2 access key switch.

The system is expandable with up to 9 additional expansion boards (020-910) each providing 16 additional LED's or relay outputs giving a maximum total of 160 configurable outputs**.

*16 on board LEDs can be configured to display either 16 zone fires or 8 zone fires + 8 faults, by an on board jumper.

**can be configured to display 160 zone fires or 80 zone fires + 80 faults, by an on board jumper.



Mechanical:

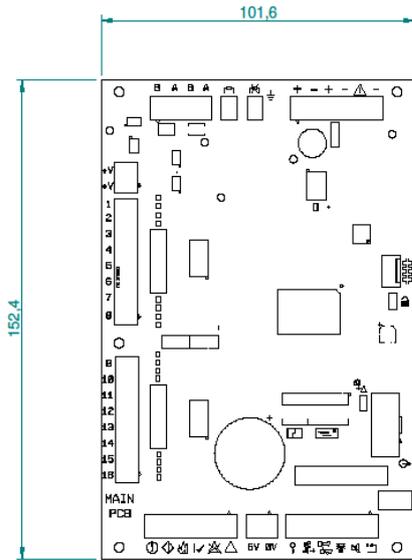
020-909 Control Board

Dimensions (HxWxD): 25 x 102 x 152 mm

020-910 Expansion Board

Dimensions (HxWxD): 25 x 44 x 152 mm

Max wire gauge for terminals: 0.5mm² and 2.5mm²



Electrical:

Operating Voltage: 18 to 30 Vdc

Current consumption:

020-909: 35mA max
020-910: 0.5mA max

Individual active output current:

Configured for LED: limited to 6mA
Configured for relay: maximum 50mA

Communications:

Medium: RS485 2-wire serial link
Isolation: Functional at 42V
Baud Rate: 1200 Baud
Max. Cable Length: 3000m RS485 Network

Environmental Specifications:

Operating temperature: -5°C to +45°C

Relative Humidity: 15% to 95%, non condensing

EMC:

Emissions: EN 50081-1
Immunity: EN 50130-4

Safety: EN 60950

Part Numbers:

Description

Order Codes

DXc Compact Mimic Driver
LEDs

020-909



DXc Expansion Mimic PCB

020-910



For further details on these or any other Morley-IAS products please contact your local distributor, Morley-IAS Business Manager or via our contact details found below.

Morley-IAS by Honeywell - Providing a control panel solution, for fire industry professionals, committed to supporting our device partners.



Every care has been taken in the preparation of this datasheet but no liability can be accepted for the use of the information therein. Design features may be changed or amended without prior notice. © Morley-IAS by Honeywell 2014

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