

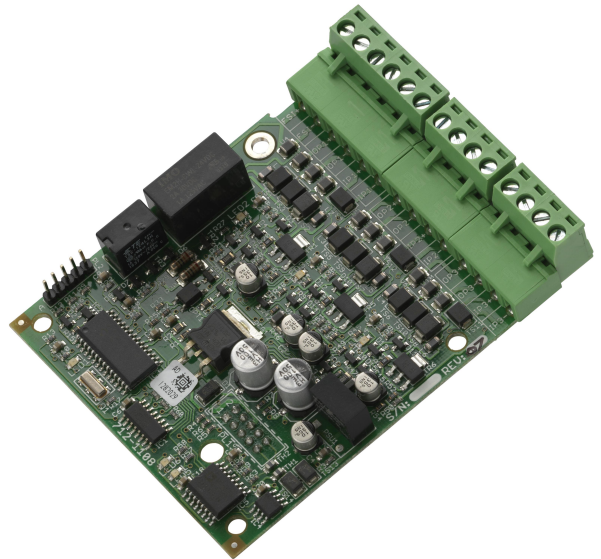
General Routing Interface

The General Routing Interface General Routing Interface Card is an optional module to provide fire routing outputs compliant with BS EN54-2: 1998 Clauses 7.9 and 8.9 and BS5839-1:2002

Applications / Limitations

EN54-2 compliant routing interfaces providing monitored outputs to the fire alarm and routing circuits. Circuits are monitored for open and short circuit conditions in both normal and active mode - compliance with EN54-2 and BS5839-1: 2002 Clause 12.2.1a

The outputs will drive relay coils with impedances of between 1kΩ and 5kΩ.



Features

- Two fire routing outputs are provided to differentiate between Call Point (MCP) and Automatic Detector (AFD) fire alarm signals if required.
- Outputs are monitored for open and short circuit wiring issues in both the quiescent and active states, and fault conditions reported on the panel (CIE) display/LED Indicators.
- Outputs are compatible with a wide range of routing equipment.
- Simple to install and configure
- Monitored outputs
- Wide range compatibility

Specification

| | |
|--|---|
| Output Circuit Spec. | 24V DC active, 5V DC monitor |
| Fire & Fault Outputs | 1.0mA monitor mode nominal, 5.0mA-25.0mA active (energised) mode dependent upon coil impedance, 40.0mA maximum short circuit. |
| Input Circuit Spec. | 4x Monitored Input - EOL 10KΩ, operating resistor 470Ω |
| Operating Voltage | 24V DC [Range 19-28V] from panel auxiliary Supply Output. |
| Panel Loading, standby, AC Mains fail (fault output off) | 43mA |
| Panel Loading, quiescent state (fault output on) | 45mA +24mA (1KΩ coil), +5mA (5KΩ coil) |
| Panel Loading, ALL inputs and outputs active | 48mA +72mA (1KΩ coils), +15mA (5kΩ coils) |
| On-board indications | 6x LED indicators for outputs active, communications and microprocessor heartbeat |
| Operating Temperature | 0°C to 50°C |
| Approvals | BS EN54-2: 1998 |

Order Codes and Options

| | |
|-----------|------------------------------------|
| Mxp-532: | General Routing Interface |
| Mxp-532F: | General Routing Interface - Fitted |

Compatibility

Can be used with all MxPro 5 series control panels programmed with version 50.07 software or later, compatible with the PC-Configuration tool from version 6.12 or later. The interface connects directly to peripheral bus connection in the panel.

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