

GFE-MPX-REL

Orion Multiplexed Zone Relay Outputs



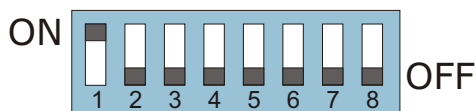
Interface card that provides an individual zone in alarm indication via a voltage free change-over relay contact for each zone in an Orion conventional panel. There are 2 versions: 4 and 8 zone and they are always used for indication of ALARM/ FIRE conditions.

There is also a LED indication of ALARM condition for each individual zone. The LED RED indicator will be ON when the relay is active. These relay outputs are not monitored.

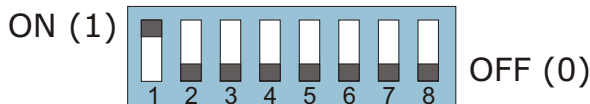
The d.i.l switch allows one relay output for a particular zone in the range 1 to 8 to be programmed as delayed and this is achieved using the first three switches (1 to 3) and the delay time will be provided in the range between 0-10 minutes using the next four positions (4-7) on the d.i.l. switch. The module requires an external 24 V DC supply. Connection to the Orion PCB board is via a 5 way flat cable fitted with Molex type polarised connectors.

Switches 1-3
Selects delayed zone

Switches 4-7
Set the delay time.



Switch 8 - Not used



| Zone | Time | | |
|---------|--------------|--------------|--|
| 1 = 000 | 0 = 0000 | 4m = 0001 | |
| 2 = 100 | 30s = 1000 | 4m30s = 1001 | |
| 3 = 010 | 1m = 0100 | 5m = 0101 | |
| 4 = 110 | 1m30s = 1100 | 6m = 1101 | |
| 5 = 001 | 2m = 0010 | 7m = 0011 | |
| 6 = 101 | 2m30s = 1010 | 8m = 1011 | |
| 7 = 011 | 3m = 0110 | 9m = 0111 | |
| 8 = 111 | 3m30s = 1110 | 10m = 1111 | |

Technical Specifications

Supply Voltage 28V DC nominal

Current - Quiescent 7 mA - No relays active

Current - Zones in Alarm 7mA + 15 mA per active relay

Timer 15 settings from 0 to 10 minutes

Max. Humidity 95% RH Non-Condensing

Operating Temperature 0 °C to 50 °C

Dimensions 88.0 (L) x 72.5 (W) x 18.0 (H) mm

Weight 4 zone - 60 g 8 zone - 95 g

Order Code

GFE-MPX-REL-4 Orion Multiplexed 4 Zone Relay Board

GFE-MPX-REL-8 Orion Multiplexed 8 Zone Relay Board

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