

# the Multizone Range

## Multizone 4-12 Zone Conventional Control Panel

- Microprocessor based conventional fire alarm control panel designed to EN54-2 & 4
- 4, 6, 8, 10, or 12 detection zones
- One man test facility
- Two sets of volt free changeover contacts operable on fire
- Head removal via zener clamp or active end of line unit
- Non-latching zone facility
- Open collector fault output
- Class change input
- Zone and alarm disablement
- 28V 125mA fused auxiliary output
- 16 x 2 backlit LCD



Multizone Four Zone Panel ..... 01-0037

Multizone Six Zone Panel ..... 01-0033

Multizone Eight Zone Panel ..... 01-0034

Multizone Ten Zone Panel ..... 01-0035

Multizone Twelve Zone Panel .... 01-0036

|                                            | 4 Zone         | 6 Zone         | 8 Zone         | 10 Zone        | 12 Zone        |
|--------------------------------------------|----------------|----------------|----------------|----------------|----------------|
| Mains Voltage (V AC)                       | 240            | 240            | 240            | 240            | 240            |
| System Voltage (V DC)                      | 28.4           | 28.4           | 28.4           | 28.4           | 28.4           |
| Quiescent Current (mA)                     | 120            | 120            | 120            | 120            | 120            |
| Quiescent Current, Unsilenced Fault (mA)   | 130            | 130            | 130            | 130            | 130            |
| Minimum Battery Size 2 x 12V Required (Ah) | 7              | 7              | 7              | 7              | 7              |
| Detector Voltage (V DC)                    | 20             | 20             | 20             | 20             | 20             |
| Number of Sense Zones                      | 4              | 6              | 8              | 10             | 12             |
| Maximum Number of Detectors per Zone       | 20             | 20             | 20             | 20             | 20             |
| Firing Resistance (Ohms)                   | 510 ± 200      | 510 ± 200      | 510 ± 200      | 510 ± 200      | 510 ± 200      |
| Sense Zone End of Line (Ohms)              | 3k3            | 3k3            | 3k3            | 3k3            | 3k3            |
| Alarm Voltage (V DC)                       | 28.4           | 28.4           | 28.4           | 28.4           | 28.4           |
| Number of Alarm Zones                      | 2              | 2              | 2              | 4              | 4              |
| Maximum Alarm Current per Zone (mA)        | 250            | 250            | 250            | 250            | 250            |
| Maximum Number of Sounders per Zone        | 10             | 10             | 10             | 10             | 10             |
| Alarm Zone End of Line (Ohms)              | 10k            | 10k            | 10k            | 10k            | 10k            |
| Maximum Auxiliary Supply Current (mA)      | 125            | 125            | 125            | 125            | 125            |
| Panel Weight Including Batteries (kg)      | 7.5            | 7.5            | 7.5            | 7.5            | 7.5            |
| Panel Dimensions (mm)                      | 330 x 300 x 80 | 330 x 300 x 80 | 330 x 300 x 80 | 330 x 300 x 80 | 330 x 300 x 80 |

Specifications may be subject to change without notice

# the Multizone Range

## Multizone 16-48 Zone Conventional Control Panel

- Microprocessor based conventional fire alarm control panel designed to EN54-2 & 4
- 16, 24, 32, 40, or 48 detection zones
- 15 characters of programmable text per zone
- Programmable via the front panel or a serial terminal
- 16 event fire log
- 16 event fault log
- One man test facility
- Two sets of volt free changeover contacts operable on fire
- One set of volt free changeover contacts operable on fault
- Head removal via zener clamp or active end of line unit
- Non-latching zone facility
- Global class change input
- Individual class change inputs for each alarm zone
- Zone, alarm zone, and auxiliary contacts disablement
- 28V 250mA fused permanent auxiliary output
- Repeater drive built in
- Remote silence & fault inputs
- Switched 28V supply activated in fire for contactor drive
- 16 x 2 backlit LCD

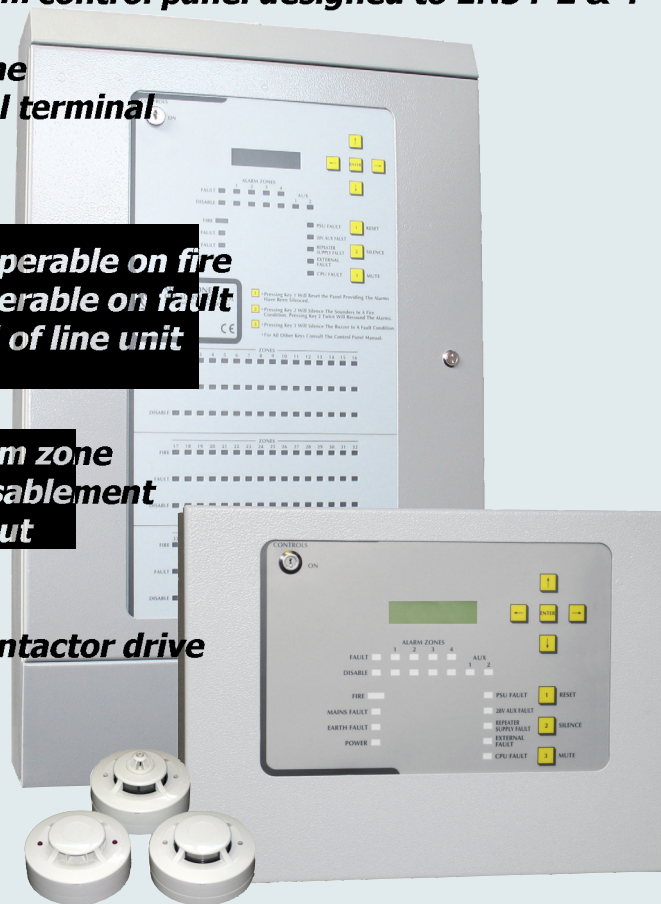
Multizone 16 Zone Panel .... 01-0038

Multizone 24 Zone Panel .... 01-0040

Multizone 32 Zone Panel .... 01-0042

Multizone 40 Zone Panel .... 01-0045

Multizone 48 Zone Panel .... 01-0046



## Multizone 16-48 Zone Conventional Repeater Panel

Multizone Repeater Panel... 01-0050

|                                                                         | 16 Zone            | 20 Zone            | 24 Zone            | 32 Zone                                   | 36 Zone            | 40 Zone            | 48 Zone            |
|-------------------------------------------------------------------------|--------------------|--------------------|--------------------|-------------------------------------------|--------------------|--------------------|--------------------|
| Mains Voltage (V AC)                                                    | 240                | 240                | 240                | 240                                       | 240                | 240                | 240                |
| System Voltage (V DC)                                                   | 28                 | 28                 | 28                 | 28                                        | 28                 | 28                 | 28                 |
| Quiescent Current, Unsilenced Fault (mA)                                | 220                | 270                | 310                | 380                                       | 430                | 470                | 530                |
| Quiescent Current, Unsilenced Fault & Fire (mA)                         | 350                | 400                | 440                | 510                                       | 560                | 600                | 660                |
| Minimum Battery Size 2 x 12V Required (Ah)<br>(Derating factor of 1.25) | 9                  | 10                 | 12                 | Must be calculated for each installation. |                    |                    |                    |
| Detector Voltage (V DC)                                                 | 21                 | 21                 | 21                 | 21                                        | 21                 | 21                 | 21                 |
| Number of Sense Zones                                                   | 16                 | 20                 | 24                 | 32                                        | 36                 | 40                 | 48                 |
| Maximum Number of Detectors per Zone                                    | 20                 | 20                 | 20                 | 20                                        | 20                 | 20                 | 20                 |
| Firing Resistance (Ohms)                                                | 510 ± 200          | 510 ± 200          | 510 ± 200          | 510 ± 200                                 | 510 ± 200          | 510 ± 200          | 510 ± 200          |
| Sense Zone End of Line (Ohms)                                           | 3k3                | 3k3                | 3k3                | 3k3                                       | 3k3                | 3k3                | 3k3                |
| Alarm Voltage (V DC)                                                    | 28                 | 28                 | 28                 | 28                                        | 28                 | 28                 | 28                 |
| Number of Alarm Zones                                                   | 4                  | 4                  | 4                  | 4                                         | 4                  | 4                  | 4                  |
| Maximum Alarm Current per Zone (mA)                                     | 500                | 500                | 500                | 500                                       | 500                | 500                | 500                |
| Max Number of Sounders per Zone @ 10mA                                  | 50                 | 50                 | 50                 | 50                                        | 50                 | 50                 | 50                 |
| Alarm Zone End of Line (Ohms)                                           | 10k                | 10k                | 10k                | 10k                                       | 10k                | 10k                | 10k                |
| Maximum Auxiliary Supply Current (mA)                                   | 250                | 250                | 250                | 250                                       | 250                | 250                | 250                |
| Panel Dimensions (mm)                                                   | 410 x 380<br>x 120 | 556 x 470<br>x 120 | 556 x 470 x<br>120 | 556 x 470 x<br>120                        | 556 x 470 x<br>120 | 556 x 470 x<br>120 | 556 x 470 x<br>120 |

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