

The KAL710 is a conventional fire zone monitor unit for a KSA700/FP1500 fire system loop. It allows the connection of one conventional fire detector zone to the addressable fire detector loop. This zone is fully supervised for open and short circuit conditions, whilst supplying power to the connected conventional devices via the same two wires. Up to 20 conventional detectors or up to 32 conventional manual call points may be connected to this zone. This unit can differentiate a call point alarm from a normal detector alarm for mixed zone applications.

### Specifications

|                                    |                        |
|------------------------------------|------------------------|
| <b>Supply voltage</b>              | 22-38 VDC              |
| <b>Current consumption</b>         |                        |
| Quiescent @ 24 V                   | 90 microA              |
| Quiescent @ 35 V                   | 105 microA             |
| Alarm                              | < 3 mA                 |
| Aux. supply (24 VDC) Quiescent     | 200 microA + equipment |
| Aux. supply (24 VDC) Alarm         | < 85 mA                |
| <b>End-of-line resistor</b>        | 4.7 kOhm               |
| <b>Environmental</b>               |                        |
| Storage temperature                | -10°C to +70°C         |
| Operating temperature              | -10°C to +50°C         |
| Relative humidity (non-condensing) | 10-95 %                |
| IP Rating                          | IP55                   |
| <b>Physical</b>                    |                        |
| Dimensions (L x W x H)             | 150 x 110 x 70 mm      |
| Colour                             | Grey                   |
| Weight                             | 370 g                  |

### Ordering Information

KAL710                      700 Series Addressable Zone Monitoring Unit - 1 Zone



- EN54:18 and CPD certified
- Surface mount
- Easy addressing
- External or loop powered
- Local alarm and communications indication
- Full supervision of one conventional fire zone
- Part of a family of I/O modules consisting of:
  - Conventional zone monitors
  - Digital input modules
  - Extinguishing control modules
  - Loop Isolators
  - Manual call points
  - Relay and supervised output units
  - Fire door controllers