

- EN54:18 and CPD certified
- Surface mount with high IP rating for increased protection
- Easy addressing
- Externally powered for reduced loop current
- 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
  - Loop Isolators
  - Manual call points
  - Relay and supervised output units
  - Fire door controllers

# KAL710

## Kilsen Addressable Zone Monitoring Units - 1 Zone

### Technical specifications

#### General

|                   |                     |
|-------------------|---------------------|
| Status indication | LED                 |
| Compatibility     | Kilsen KL7A systems |

#### Electrical

|                     |                                                                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply type   | 24 VDC                                                                                                                                                                       |
| Operating voltage   | 22 to 38 VDC                                                                                                                                                                 |
| Current consumption | 90 µA @ 24 V from the loop (Quiescent)<br>105 µA @ 35 V from the loop (Quiescent)<br>< 3 mA from the loop (Alarm)<br>200 µA external (Quiescent)<br>< 85 mA external (Alarm) |

#### Input

|                       |                              |
|-----------------------|------------------------------|
| Input quantity        | 1                            |
| Input type and rating | Supervised conventional zone |
| Termination resistor  | 4.7 kΩ                       |

#### Physical

|                     |                   |
|---------------------|-------------------|
| Physical dimensions | 182 x 142 x 77 mm |
| Net weight          | 370 g             |
| Colour              | Grey              |
| Mounting type       | Surface mount     |
| Cable entries       | 10                |

#### Environmental

|                       |                         |
|-----------------------|-------------------------|
| Vandal proof          | No                      |
| Operating temperature | -10 to +50°C            |
| Storage temperature   | -10 to +70°C            |
| Relative humidity     | 10 to 95% noncondensing |
| Environment           | Indoor                  |
| IP rating             | IP55                    |

#### Regulatory

|               |                         |
|---------------|-------------------------|
| Compliance    | CE, REACH, RoHS 2, WEEE |
| Certification | CPR                     |
| Standards     | EN54-18                 |

#### Compatible products

| Category       | Reference | Description                                                  |
|----------------|-----------|--------------------------------------------------------------|
| Interface unit | KAL714C   | Kilsen Addressable Zone Monitoring Units - 4 Zones           |
| Interface unit | KAL730    | Kilsen Addressable Relay Output Module - 1 Output            |
| Interface unit | KAL734C   | Kilsen Addressable Relay Output Module - 4 Outputs           |
| Interface unit | KAL740    | Kilsen Addressable Supervised Relay Output Module - 1 Output |
| Interface unit | KAL760    | Kilsen Addressable Input Module - 1 Input                    |
| Interface unit | KAL775    | Loop Isolation Module                                        |