

## DATASHEET

### KE-AS3111R-IP

Excellence Series intelligent addressable weatherproof sounder/visual indicator w/ isolator

#### MAIN FEATURES

- Excellence Series intelligent addressable weatherproof sounder/visual indicator w/ isolator



#### TECHNICAL SPECIFICATIONS

##### Power supply

|                       |                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply type     | Batteries, Loop powered                                                                                                                                       |
| Operating voltage     | 17 to 29 VDC                                                                                                                                                  |
| Communication voltage | 4 to 11 V pulsed                                                                                                                                              |
| Current consumption   | 250 $\mu$ A (Quiescent) 1.4 mA (Activated - from the loop with batteries installed) Refer to installation sheet for consumption values when only loop powered |
| Loop current          | 5 mA (isolated)                                                                                                                                               |
| Switch current        | 1.05 A (continuous) / 1.4 A (pulsed)                                                                                                                          |
| Leakage current       | <1 mA                                                                                                                                                         |
| Isolation voltage     | 14 to 15.5 VDC                                                                                                                                                |
| Reconnect voltage     | 14 to 15.5 VDC                                                                                                                                                |

##### Inputs / outputs

|                         |                                  |
|-------------------------|----------------------------------|
| Output level            | 55 to 102 dB(A) - Tone dependent |
| Output level adjustment | 4 levels                         |

##### Physical characteristics

|                     |                                   |
|---------------------|-----------------------------------|
| Colour              | Red                               |
| Physical dimensions | 110 x 129 mm ( $\varnothing$ x H) |
| Net weight          | 465 g                             |
| Mounting type       | Base mount                        |
| Mounting position   | Ceiling, Wall                     |

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### TECHNICAL SPECIFICATIONS

|                               |                                                                                          |
|-------------------------------|------------------------------------------------------------------------------------------|
| Mounting base                 | Deep                                                                                     |
| Material                      | PC / ABS                                                                                 |
| Environmental characteristics |                                                                                          |
| Operating temperature         | -25 to +70°C                                                                             |
| Storage temperature           | -25 to +75°C                                                                             |
| Relative humidity             | 10 to 93% (noncondensing)                                                                |
| Environment                   | Indoor, Outdoor                                                                          |
| IP rating                     | IP33C                                                                                    |
| Other characteristics         |                                                                                          |
| Compatibility                 | Kidde Commercial Excellence Systems                                                      |
| Addressing method             | DIL switch                                                                               |
| Monitoring                    | Activated, Battery level, Continuously self-checking, Fault, Open circuit, Short circuit |
| Batteries                     | 3 x CR123 (optional)                                                                     |
| Frequency                     | User selectable                                                                          |
| Selectable tones              | 32                                                                                       |
| No. of stages                 | 3                                                                                        |
| Flash frequency               | 0.5 Hz (1 flash every 2 s)                                                               |
| Synchronization               | Supported                                                                                |
| Type                          | Negative line break                                                                      |
| Series resistance             | <0.08 Ω                                                                                  |
| Texture                       | Smooth                                                                                   |
| Compliance                    | CE, REACH, RoHS 3, WEEE                                                                  |
| Certification                 | CPR                                                                                      |
| Standards                     | EN54-3, EN54-17                                                                          |
| Category                      | Reference                                                                                |
| Detection device              | KE-DB3010W                                                                               |