

KE-AS31 15R-WMIP

Excellence Series intelligent addressable weatherproof sounder/visual alarm w/ isolator, wall mount

General

The innovative Excellence range of intelligent addressable devices offers advanced features for reliability and peace of mind. Coupled with features for ease of installation and maintenance on new fire detection systems, it's a perfect match for exceptional overall performance.

The KE-AS31 15R-WMIP is a RED bodied, weatherproof addressable wall mount sounder & visual alarm device (VAD) with integrated isolation for Excellence series fire systems. They are connected over a 2-wire loop and are loop powered. They are compatible with automatic synchronisation controlled from the CIE (control panel).

Installation

For ease of system planning, Excellence notification devices share a first fix base with Excellence point detectors. This allows for standardised cabling with less cabling issues, and allows devices to be interchanged without rewiring should requirements change. Optional installation accessories to support surface conduit entry, address tags and address labels are available to suit multiple applications.

To assist with the installation and commissioning process, a multitude of features ensure that the device is easily and properly inserted into the base, securely connected to the loop and that it functions perfectly. A local multi-coloured LED indicator helps to visualise device status locally without requiring access to the fire panel.

Configuration & Operation

All functional programming is controlled from the CIE and can be changed on the fly without access to the device.

Should the loop be heavily loaded, all Excellence notification devices offer a unique "Battery assisted activation" feature allowing the device to draw its activation power from 3 x CR123 batteries that may be optionally fitted to the device. Using batteries protects the device loop from possible overload which may put the system at risk, and allows for as many as 128 notification devices to be fitted to any Excellence loop. When batteries are used they are automatically supervised by the device, with ample warning time when batteries require replacing. Under standard operating conditions batteries should provide more than 5 years of support without requiring replacement.

Safety & Security

Automatic daily self testing ensures that when the device is activated, everything works as expected. Pre-activation self testing ensures that a warning is raised before an event takes place, minimising the risk when notification is required. With the integrated isolator, continuity of operation is ensured even with a single short circuit on the loop.



Details

- Supplied with IP65 rated, surface mount base accessory ensuring IP65 rating for outdoor applications
- Top, bottom or rear cable entry support for application flexibility
- Standard first fix base shared with point detectors for ease of planning, logistics and installation
- Integrated short circuit loop isolation for added safety protection
- Base lock, address tag and surface cabling support for easy installation in all conditions
- Loop powered with battery assisted activation allowing up to 128 devices per loop
- 32 selectable tones at 4 selectable volume levels that can be reconfigured from the CIE
- 3 selectable VAD power levels that can be reconfigured from the CIE
- Multi-stage evacuation support for application flexibility
- Pre-and post activation self testing ensuring maximum safety
- Automatic synchronisation
- Tri-colour diagnostic LED indicator for fast commissioning and fault finding support

KE-AS3115R-WMIP

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Especificaciones técnicas

General

Compatibilidad	Kidde Commercial Excellence Systems
Método de direccionamiento	DIL switch
Supervisión	Activated, Battery level, Continuously self-checking, Fault, Open circuit, Short circuit

Eléctrico

Tipo de fuente de alimentación	Baterías, Alimentado por bucle
Baterías	3 x CR123 (optional)
Voltaje de funcionamiento	17 to 29 VDC
Voltaje de comunicación	4 to 11 V pulsed
Consumo de corriente	250 μ A (Quiescent) Refer to the installation sheet for alarm current values (setting dependent)

Sirena

Nivel de salida	55 to 102 dB(A) - Tone dependent
Ajuste del nivel de salida	4 levels
Frecuencia	User selectable
Tonos seleccionables	32
Sincronización	Supported
No. de etapas	3

VAD

Color	Red
Calificación	W-2-6 (Low) / W-2.4-6.5 (Mid) / W-2.4-8 (High)
Cobertura de la planta	< 64 m ²
Frecuencia de destello	0.5 Hz (1 flash every 2 s)
Sincronización	Supported

Aislamiento

Tipo	Salto de línea negativo
Corriente de lazo	5 mA (isolated)
Resistencia en serie	<0.08 Ω
Corriente de conmutación	1.05 A (continuous) / 1.4 A (pulsed)
Corriente de fuga	<1 mA
Voltaje de aislamiento	14 to 15.5 VDC
Voltaje de reconexión	14 to 15.5 VDC

Físico

Dimensiones físicas	110 x 129 mm (\varnothing x H)
Peso neto	465 g
Color	Rojo (RAL 3001)
Tipo de Montaje	Montaje sobre base
Posición de montaje	Pared
Altura de montaje	Up to 2.4 m
Base de montaje	Profundo
Material	PC / ABS
Textura	Smooth

Medioambiental

Antivandálico	No
Temperatura de funcionamiento	-25 to +70°C
Temperatura de almacenamiento	-25 to +70°C
Humedad relativa	10 to 93% (noncondensing)
Entorno	Interior, Exterior
Clasificación IP	IP33C

Regulador

Cumplimiento	CE, REACH, RoHS 3, WEEE
Certificación	EN54-17, EN54-23, EN54-3

Productos compatibles

Categoría	Referencia	Descripción
Dispositivo de detección	KE-DB3010W	Accesorio detector inteligente serie Excellence - base estándar

