KE-AS3011W

Sirena/Indicador visual direccionable inteligente Serie Excellence

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-AS3011W is a WHITE bodied, sounder & visual indicator (VID) 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, trim skirts 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. Local multi-coloured LED indicators help visualise any problems 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 buy 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.



Detalles

- Base de primera fijación estándar compartida con detectores puntuales para facilitar la planificación, la logística y la instalación
- Bloqueo de base, etiqueta de dirección, faldón de ajuste y soporte de cableado de superficie para una fácil instalación en todas las condiciones
- Alimentado por lazo con activación asistida por batería que permite hasta 128 dispositivos por lazo
- 32 tonos seleccionables en 4 niveles de volumen seleccionables que se pueden reconfigurar desde el ECI
- Indicación visual integrada de alto brillo para llamar la atención en áreas ruidosas
- Soporte de evacuación en múltiples etapas para flexibilidad de aplicaciones
- Sincronización automática
- Indicador LED de diagnóstico tricolor para una rápida puesta en marcha y asistencia en la detección de fallos

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Especificaciones técnicas

General

Compatibility	Sistemas Excellence de Kidde commercial
Addressing method	DIL switch
Monitoring	Activated, Battery level, Continuously self-checking, Fault

Electrical

Power supply type	Batteries, Loop powered
Batteries	3 x CR123 (opcional)
Operating voltage	17 a 29 VDC
Communication voltage	4 a 11 V pulsada
Current consumption	250 µA (Reposo) Consulte la hoja de instalación para conocer los valores de corriente de alarma (según la configuración)

Sounder

Output level	55 a 102 dB(A) - Depende del tono
Output level adjustment	4 niveles
Frequency	Seleccionable por el usuario
Selectable tones	32
Synchronization	Soportado
No. of stages	3

VID

Colour	Rojo
Flash frequency	0.5 Hz (1 flash cada 2 s)
Synchronization	Soportado

Physical

Physical dimensions	111 x 81 mm (Ø x H)
Net weight	300 g
Colour	Traffic white (RAL9016)
Mounting type	Base mount
Mounting position	Ceiling, Wall
Material	PC / ABS

Environmental

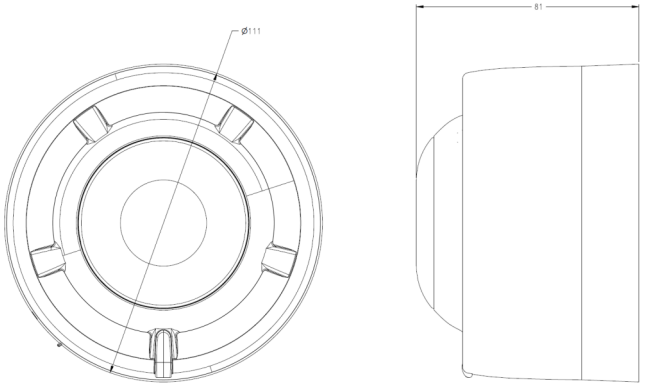
Operating temperature	-10 a +55°C
Storage temperature	-25 a +70°C
Environment	Indoor
IP rating	IP21C

Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE
Certification	CPR

Productos compatibles

Categoría	Referencia	Descripción
Detection device	KE-ASA-AUXW	Accesorio de notificación direccionable inteligente - base profunda (blanco)
Detection device	KE-DB3010W	Accesorio detector inteligente serie Excellence - base estándar



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