KE-AS3010R

Sirene inteligente endereçável - Série 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-AS3010R is a RED bodied addressable sounder 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. 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 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.



Detalhes

- Base de montagem padrão partilhada com os detetores pontuais, para facilitar o planeamento, a logística e a instalação
- O bloqueio da base, a etiqueta de identificação, a guarnição e o suporte para a passagem de cabos à superfície facilitam a instalação em todas as condições
- Alimentação por loop com ativação assistida por bateria, permitindo até 128 dispositivos por loop
- 32 tons selecionáveis em 4 níveis de volume selecionáveis, que podem ser configurados a partir do painel
- Suporte à evacuação em várias fases para maior flexibilidade de aplicação
- Autotestes antes e depois da ativação, garantindo a máxima segurança
- Sincronização automática
- Indicador LED de diagnóstico tricolor para uma rápida colocação em funcionamento e apoio na deteção de avarias

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Especificações técnicas

General

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

Electrical

Power supply type	Batterien, Loop-Stromversorgung
Batteries	3 x CR123 (opcional)
Operating voltage	17 a 29 VDC
Communication voltage	4 a 11 V impulso
Current consumption	250 µA (Quiescent) 1.4 mA (Activa - a partir do loop com pilhas instaladas) Consulte a ficha de instalação para saber os valores de consumo quando a alimentação for fornecida apenas pelo loop.

Sounder

Output level	55 a 102 dB(A) - Depende do toque
Output level adjustment	4 níveis
Frequency	Selecionável
Selectable tones	32
Synchronization	Suportado
No. of stages	3

Physical

Physical dimensions	111 x 87 mm (Ø x H)
Net weight	300 g
Colour	Rot (RAL 3001)
Mounting type	Montage auf Sockel
Mounting position	Decke, Wand
Mounting base	Flach
Material	PC / ABS
Texture	Smooth

Environmental

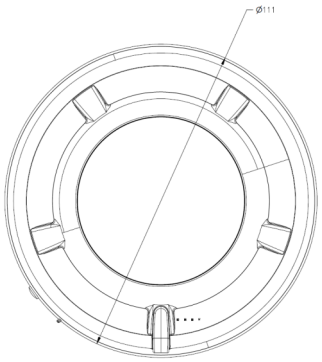
Vandal proof	No
Operating temperature	-10 a +55°C
Storage temperature	−25 a +75°C
Relative humidity	10 a 93% (noncondensing)
Environment	Drinnen
IP rating	IP21C

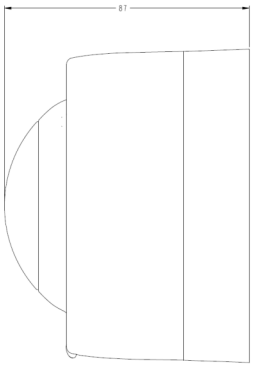
Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE
Certification	CPR
Standards	EN54-3

Produtos compatíveis

Categoria	Referência	Descrição
Detection device	KE-ASA-AUXR	Intelligentes adressierbares Benachrichtigungszubehör – tiefe Basis (rot)
Detection device	KE-DB3010W	Acessórios para detetores inteligentes da série Excellence - base standard





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