

▶ E2XS

Electronic alarm ATEX 116 or 121 dB - 2 & 22 zones



Technical specifications

Sound power E1XS1:

- 116 dB (A) at 1 meter
- 113 dB (A) at 1 m : sounds N°2
- 109 dB (A) at 1 m : NF S32-001

Sound power E2XS2:

- 121 dB (A) at 1 meter
- 117 dB (A) at 1 m : sounds N°2
- 115 dB (A) at 1 m : NF S32-001

Number of sounds: 45 sounds including NF S32-001 sound

Number of controlled sounds: 3 sounds (by cable)

Volume control: by potentiometer

Choice of sounds: selected by microswitch

Synchronisation: yes, in parallel connection

IP rating: IP66/67

Weight: 24Vcc : 2,5 kg / 230Vca : 3 kg

Dimensions: 273,1 mm x Ø 181 mm (E2XS1)

Cable entry:

- 1 ATEX nylon cap M20
- 1 PE non-armoured nylon M20

Cable section: 0,5 - 2,5 mm²

Material: UL94V0 PPS and black ABS

Use temperature: -20 °C to +55 °C

Mounting bracket: adjustable stainless steel bracket (supplied)

Certifications:

- DEMKO 06 ATEX 0421554X Rev. 1
- II 3G Ex nA IIC T4 Gc Ta -20 °C to +55 °C
- II 3D Ex tc IIIC T85 °C Dc Ta -20 °C to +55 °C
- IECEx ULD 14.0012X Class
- Zone 2 AEx nA IIC T4 Gc Ta -20 °C to +55 °C
- Zone 22 AEx tc IIIC T85 °C Dc Ta -20 °C to +55 °C
- SIL 1 selon IEC 61508

Product description

The electronic alarm **E2XS** is particularly designed to be used in difficult industrial environments or explosive atmospheres. It is available in 116 dB and 121 dB versions and is declined to 24Vcc, 115Vac, or 230Vac. It is suitable for the oil, gas, chemical, and pharmaceutical industry sectors.

This ATEX alarm gets an excellent value for money and offers a choice between 45 sounds (including AFNOR NS32001 sound) with 3 remotely controllable sounds, perfect for graduating gas or fire alarm levels. Adjustable by a potentiometer, the sound power allows use in very noisy areas.

▶ Key points

- 2 & 22 ATEX ZONE for gas and dust risks (GD).
- Sound power: 116 dB or 121 dB following the type.
- Excellent value for money.
- 45 sounds selected by microswitches including NF S32-001 sound.
- 3 sounds remotely controllable.
- Automatic synchronisation of the alarms with parallel mounting.
- IP rating IP66/IP67.
- Extreme temperature ranges -20 to +55°C.
- Low power consumption.

Model selection

Ref.	Description	Consump
E2XS1F024	Alarm 116 dB zone 2 24 Vcc	284 mA
E2XS1F115	Alarm 116 dB zone 2 115 Vac	104 mA
E2XS1F230	Alarm 116 dB zone 2 230 Vac	54 mA
E2XS2F024	Alarm 121 dB zone 2 24 Vcc	280 mA
E2XS2F115	Alarm 121 dB zone 2 115 Vac	142 mA
E2XS2F230	Alarm 121 dB zone 2 230 Vac	76 mA

Sound and light combined ATEX D2C1



In the same range of quality and performance, the D2C1 ATEX Zone 2 & 22 certified combined sound and light device suits particularly to industrial environments where the visual signal complements the audible signal.

Manufactured from marine-grade, corrosion-resistant die-cast aluminium, it is also suitable for use in the most severe applications and environments.