

## ▶ CU1

### ATEX combined sound and light device



#### Technical specifications

**Power supply:** 24 Vdc, 48 Vdc, 110 Vac, 240 Vac

**Light output:**

- 24 or 48 Vdc: 5 Joule xenon tube
- 110 or 230 Vac: 10 Joule xenon tube
- Flash frequency: 60 flashes / min
- Tube life: 5x10<sup>6</sup> flashes

**Sound power:** 116 dB at 1 meter 3 dB - Variable data depending on the selected sound

**Sounds:**

- 27 sounds including AFNOR NFS32001 sound
- Selection by internal microswitch
- Activation of 2 different sounds possible (Vcc only)
- Volume adjustable from 0 to 100%
- Independent operation of sound and light

**Materials:**

- Polyester body reinforced with fiberglass (GRP)
- Glass verrine
- Stainless steel screws and fixings
- Stainless steel protection grid as standard
- Epoxy paint finish

**Available glass color :**

- Red as standard
- Orange, clear, blue, green, yellow on request

**Dimensions / Weight:** 386 x 254 x 320 mm / 6.5 kg

**Wiring:**

- "Exe" increased safety connection box
- 2 x M20 / 8 terminals of 4 mm<sup>2</sup>

**ATEX certifications:**

- Ex II 2 G - Ex of IIB T3Gb zone 1 and 2
- Certification temperature: -50 ° C to + 50 ° C
- Other certifications on request: ECEX, CUTR, Inmetro

#### Product description

Designed to operate in an explosive atmosphere in zones 1, 2, 21 and 22, the **ATEX CU1** combined sound and light device has a 5 or 10 Joule xenon flash light and an audible signal up to 116 dB, variable depending on the selected sound.

Made of glass fiber reinforced polyester (GRP), the **CU1** is particularly suitable for the rigorous use conditions generally observed in oil & gas, chemical, petrochemical, marine and all offshore application industries..

The **ATEX CU1** combines design, robustness and efficiency. It is a strategic link in the safety chain of severe industrial gas detection, fire detection or process fault installations.

The simultaneous or independent activation of the siren and the flash light makes it possible to differentiate different levels of danger alert by offering the choice of an ATEX flashing light, an ATEX siren or an ATEX sound and light combination.

#### ▶ Assets

- ATEX 1, 2, 21 and 22 for gas and dust risks (GD)
- GRP body (Glass fiber reinforced polyester)
- Up to 116 dB (A) at 1m (depending on the chosen sound)
- 27 sounds including AFNOR NFS32001 sound
- Protection index IP66 & IP67
- Extreme temperature ranges -50 to + 50 ° C

#### ▶ Available options

- Epoxy paint finish red, blue or yellow (others, contact us)
- High temperature version +70 ° C
- Customizable markings (Tag and / or function)
- Swivel mounting bracket

#### Model selection

Code	Description
842122	Combined CU1SP 24 Vdc, Black body, 5 joule fire flash, red verrine
842122-R	Combined CU1SP 24 Vdc, Red body, 5 joule fire flash, red verrine
842282	Combined CU1SP 230 Vac, Black body, 10 joule flash light, red verrine
842282-R	Combined CU1SP 230 Vac, Red body, 10 joule flash light, red verrine