

► D2C1

Alarm horn sounder combined with a Xenon strobe warning light



Technical specifications

Maximum output:

- 116dB(A) at 1 meter
- 107dB(A) at 3m

Number of tones: 64 (UKOOA / PFEER compliant)

Volume control: Adjustable

Choice of sounds: Selectable by micro-switch

Number of selectable alarm stages/channels: 4 remotely
Automatic synchronisation on multi-sounder system

Xenon Strobe Beacon energy: 5 Joules (5Ws)

Effective Intensity cd: 250 cd – calculated from energy (J)

Flash rate: 1Hz (60 fpm)

Lens colours: Amber, Blue, Clear, Green, Magenta, Red & Yellow

Tube life: Emissions are reduced to 70% after 8 million flashes

Voltage: 24V dc, 48V dc, 115V ac ou 230V ac

Housing material: Marine grade aluminium Al Si12 Cu

Ingress protection : IP 66

Weight: DC: 2.80kg/6.16lbs AC:3.10kg/6.82lbs

Operating temperature: -40 to +70°C

Relative humidity : 95% HR (without condensation)

Cable entries: 2 x M20 x 1.5mm threaded gland entries

Terminals: 0.5 – 2.5mm² (20-14 AWG)

Certifications:

- ATEX : DEMKO 14 ATEX 4786493904X
- IECEx cert: IECEx ULD 14.0004X
- UL : E230764
- CSFM : 7136-2279:0503
- Ex EAC : EAC RU C-GB.AA71.B.00273/20

Product description

ATEX and IECEx Zone 2 & 22 certified, the **D2C1** features a high output, 116dB(A) alarm horn sounder combined with a 5 Joule Xenon strobe warning light / beacon. The corrosion resistant marine grade die-cast aluminium housing is epoxy coated to withstand the difficult and hazardous environments.

With its excellent value for money, this ATEX handset offers a choice of 64 tones, 4 of which can be remotely controlled, ideal for scaling gas or fire alarm levels in the oil & gas, chemical, petrochemical, marine and all offshore applications.

► Key strengths

- ATEX ZONE 2 & 22 for gas and dust risks (GD).
- Sound power 116 dB.
- Long life 5 Joule xenon tube (> 8 million flashes).
- 64 sounds selectable by micro-switches.
- 4 remote controllable sounds.
- Automatic synchronization of the sirens in parallel.
- Many colours of lenses available.
- Housing material: marine grade aluminium Al Si12 Cu.
- IP66 protection rating.
- Extreme temperature ranges -40 to +70°C.
- Excellent value for money.

Model selection

Reference	Description	Consumption
D2XC1X05024RR	Combined ATEX zone 2	24 Vcc 513 mA
D2XC1X05048RR	Combined ATEX zone 2	48 Vcc 311 mA
D2XC1X05115RR	Combined ATEX zone 2	115 Vca 174 mA
D2XC1X05230RR	Combined ATEX zone 2	230 Vca 63 mA

E2XS siren



In the same range of quality and performance, the **E2XS** electronic siren is certified ATEX zone 2 & 22 with an audible power of 116 dB or 121 dB. It is particularly suitable for use in noisy industrial environments.

This ATEX siren offers a choice of 45 sounds, 3 of which can be controlled remotely.