

## Class I Div I Light Siren Combo

The DIxCIX05R is a globally certified alarm horn sounder featuring a compact, omni-directional horn integrated with a 5-joule Xenon strobe beacon. Designed for demanding environments, the unit is housed in a rugged, marine-grade aluminum enclosure rated Type 4/4X and IP66/67, providing exceptional durability and corrosion resistance.

### Industry Uses:

- Oil & Gas
- Chemical & Petrochemical
- Marine & Offshore
- Mining & Heavy Industrial

Certified for hazardous locations worldwide, the DIxCIX05R is approved for Class I & II, Division I; Zone I & 20; and IECEx and ATEX Zones I, 2, 21, and 22, making it well-suited for explosion-proof signaling applications across a wide range of industrial environments.



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# OI-DIXCIX05RDC024CBIAIR/R

## Product Specifications

<b>Alarm Horn:</b>	
Maximum Output	110dB(A) @ 1 metre [101dB(A) @ 10ft/3m] Class II version: 94dB(A) @ 1 metre [85dB(A) @ 10ft/3m]
Nominal Output	105dB(A) @ 1m +/- 3dB – Tone 4 [96dB(A) @ 10ft/3m] Class II version: 90dB(A) @ 1 metre [81dB(A) @ 10ft/3m]
Number of Tones	64 (UKOOA / PFEER compliant)
Number of Stages	4
Volume Control	Full Range
Effective Range	125m/410ft @ 1KHz
Volatges	24V DC (20-28V DC) / 110-120V AC, 220-240V AC
Stage Switching	DC units: negative or positive AC units: common supply line
<b>Strobe Beacon:</b>	
Enegry	5 Jousles (5Ws)
Flash Rates	Option 1: 1Hz (60 fpm) Option 2: 1.5Hz (90 fpm) Option 3: Double Strike
Eff. Intensity	143 cd* - measured ref. to I.E.S.
Peak Candela	46,976 cd* - measured ref. to I.E.S.
Eff. Intensity	250 cd—calculated from energy (J)
Peak Candela	500,000 cd—calculated from energy (J)
Lens Colors	Amber, Blue, Clear, Green, Magenta, Red & Yellow
Tube Life	Emissions reduced to 70% > 5 million flashes
<b>General:</b>	
Enclosure Material	Marine grade aluminum LM6—copper free
Enclosure Finish	Chromate & powder coated finish
Cable Entries	1x1/2" NPT & 2xM20—thread adaptors available
Terminals	0.5—2.55mm <sup>2</sup> (20-14 AWG) Pluggable, duplicated terminals
Temperate Rating	-55 to +85 C (-67 to +185 F)
Relative Humidity	99%
Weight	10.9 lbs / 4.9 kg
Part Number Formula	OI-DIXCIX(Joules)(Power)(Color) OI-DIXCIX05RDC024CBIAIR/R