

Gear box for explosion-proof luminaire

CAEX-02

CAEx-02-80W II 2G Ex de IIC T6 Gb, CAEx-02-125W II 2G Ex de IIC T6 Gb



About the product

The gear box CAEx-02 for explosion-proof luminaire is equipped with gear for high pressure mercury lamps HPL 80W or HPL 125W. It is designed for use environments with danger of explosion group II zone1 and 2.



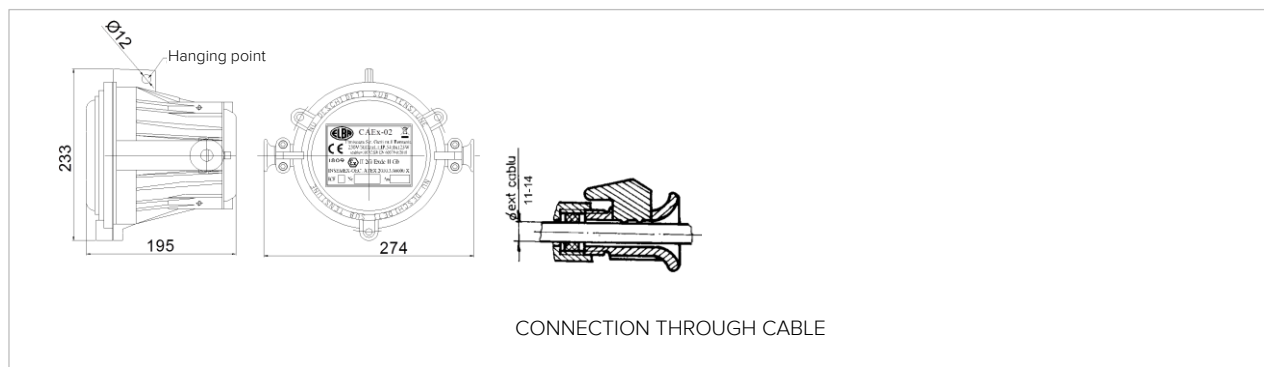
EN 60598	RoHS	IP54	-20°C ÷ +40°C	for 80W 125W HPL-N E27
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Application

Lighting of environments with danger of explosion group II zone1 and 2. For high pressure mercury vapours lamps 80, 125W gears.


Light source

- For high pressure mercury lamps HPL-N 80W / E27, HPL-N 125W / E27.



Product type	D [mm]	l [mm]	h [mm]
CAEx-02-80W II 2G Ex de IIC T6 Gb	233	274	195
CAEx-02-125W II 2G Ex de IIC T6 Gb	233	274	195

Description

- Painted pressure cast light aluminium alloys housing.
- Gear for high pressure mercury vapours 80, 125W lamps.
- Cable insertions with rubber gasket sealing, for wire diameters of $\Phi 11$ - $\Phi 14$ mm.
- Maximum wire cross section: 2.5 mm².
- Number of terminals: 4 in the terminal compartment (F, N, L, PE), and 3 in the ballast compartment (F, N, L).
- Explosion-proof protection  II2G Exde II C T6 Gb
 - flameproof enclosures (d) of the gear compartment
 - increased safety (e) of the terminal compartment.
- The gear box is manufactured and certified according to requirements of the standards SR EN 60079-0, SR EN 60079-1, SR EN 60079-7, SR EN 60598-1.
- Certificate: INSEMEX-OEC.ATEX.2011.3.0059X+A1/2012+A2/2013.
- Colour: yellow.

Mounting

- Connection: individually.
- Stationary mounting (low impact risk).

Technical features

- Rated voltage: 230V/ 50Hz;
- Surrounding temperature: -20°C...+ 40°C.

Compliance with the European Directives

- Low Voltage Directive
- Electromagnetic Compatibility Directive
- RoHS Directive, WEEE Directive
- Directive 94/9/CE “Equipment and protective systems intended for use in potentially explosive atmospheres”

Product type	Rated voltage [V]	Power and lamp type [W]	Power factor	Degree of protection	Class of protection against electric	Temperature class	Weight [Kg]
CAEx-02-80W II 2G Ex de IIC T6 Gb	230	HPL-N 80W	0,5	IP54	I	T6	4,8
CAEx-02-125W II 2G Ex de IIC T6 Gb	230	HPL-N 125W	0,5	IP54	I	T6	4,8

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