



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Ex COMPONENT CERTIFICATE

Certificate No.: **IECEx EPS 14.0016U**

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Certificate history:

Status: **Current**

Issue No: 1

[Issue 0 \(2014-03-07\)](#)

Date of Issue: 2020-07-20

Applicant: **COELBO S.r.l.**
V. Santa Margherita, 83
20861 Brugherio (MB)
Italy

Ex Component: Empty enclosure series CCA-CPS

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **"db" , "tb"**

Marking: Ex db IIC Gb,
Ex db I Mb,
Ex tb IIIC Db IP66/67

Approved for issue on behalf of the IECEx
Certification Body:

Holger Schaffer

Position:

Certification Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





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Manufacturer: **COELBO S.r.l.**
V. Santa Margherita, 83
20861 Brugherio (MB)
Italy

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-1:2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:7.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[DE/EPS/ExTR14.0020/01](#)

Quality Assessment Report:

[IT/CES/QAR10.0009/10](#)



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Ex Component(s) covered by this certificate is described below:

Empty boxes, here described, may be generally used to contain electrical devices and/or command, control, measurement and regulation instruments; for this purpose some extensions, in order to modify the total height of the enclosure, and a specific kit for internal instruments assembly (only for series CPS) are available. All enclosures series CCA and CPS, made in Aluminium light alloy (Mg+Ti+Zirconium < 6%), are complete of stainless steel bolts and screws and of a screwed cover which guarantees, with O-Ring gasket installed, IP66/67 degree of protection and protection against dust (Db). In addition, versions in Stainless Steel AISI 316L (letter "I" is added to code), Brass CW608N CuZn38Pb2 (OT58) (letter "B" is added to code) or Cast Iron (letter "C" is added to code) are available. CPS boxes have a cover with a sealed tempered glass (suitable for temperature up to +250°C). Empty boxes are usually delivered painted with an internal anti-condensation coating RAL2004 and an embossed external epoxyvinil coating (different RAL available). Operating temperature range is from -50°C to +80°C.

SCHEDULE OF LIMITATIONS:

None.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Standards updated.