



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx EPS 14.0016U Issue No: 0 Certificate history:  
Issue No. 0 (2014-03-07)

Status: **Current** Page 1 of 3

Date of Issue: **2014-03-07**

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

Electrical Apparatus: **Empty enclosure series CCA-CPS**  
*Optional accessory:*

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

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

*Approved for issue on behalf of the IECEx  
Certification Body:*

Dieter Zitzmann

*Position:*

Certification manager

*Signature:*  
*(for printed version)*

*Date:*

2014-03-07

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 the [Official IECEx Website](http://www.iecex.com).

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  
location(s):

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 electrical apparatus 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 : 2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0  
**IEC 60079-1 : 2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:6  
**IEC 60079-31 : 2008** Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'  
Edition:1

*This Certificate **does not** indicate compliance with electrical 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/ExTR14.0020/00](#)

Quality Assessment Report:

[IT/CES/QAR10.0009/03](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

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 +160°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

**CONDITIONS OF CERTIFICATION: NO**