



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

Certificate No.: IECEx BKI 04.0005

Issue No: 1

Certificate history:

[Issue No. 3 \(2013-11-12\)](#)

[Issue No. 2 \(2011-09-19\)](#)

[Issue No. 1 \(2006-04-06\)](#)

Status: **Current**

Page 1 of 4

Date of Issue: **2006-04-06**

Applicant: **Cooper Crouse-Hinds GmbH previously CEAG Sicherheitstechnik GmbH**
Neuer Weg Nord 49
D-69412 Eberbach, Germany
Germany

Equipment: **Plug-and-socket device, Typ GHG 515R....**

Optional accessory:

Type of Protection: **General requirements, Flameproof enclosures, Increased safety**

Marking: Ex de IIC T6
-55 °C ≤ Tamb ≤ +55 °C

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

János HANKÓ

Position:

Director

*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 the [Official IECEx Website](#).

Certificate issued by:

Testing Station for Explosion Proof Equipment
H 1037 BUDAPEST
MIKOVINY S.u. 2-4
Hungary





IECEx Certificate of Conformity

Certificate No: IECEx BKI 04.0005

Issue No: 1

Date of Issue: 2006-04-06

Page 2 of 4

Manufacturer: **Cooper Crouse-Hinds GmbH previously CEAG Sicherheitstechnik GmbH**
Neuer Weg Nord 49
D-69412 Eberbach, Germany
Germany

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 : 2000 Electrical apparatus for explosive gas atmospheres - Part 0: General requirements

Edition:3.1

IEC 60079-1 : 2001 Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'

Edition:4

IEC 60079-7 : 2001 Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety 'e'

Edition:3

*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

IECEx ATR:

HU/BKI/04/P-002-04/4-1, HU/BKI/04/P-002-04/4-2

HU/BKI/04/P-002-04/4-3

HU/BKI/ExTR06.0005/00, HU/BKI/QAR06.0004/00

File Reference:

P-002-04/4

P-008-05/17



IECEx Certificate of Conformity

Certificate No: IECEx BKI 04.0005

Issue No: 1

Date of Issue: 2006-04-06

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The plug-and-socket device, type GHG 515....R..., is used for the connection of mobile electrical equipment or for connecting cables in potentially explosive atmospheres.

Auxiliary or control contacts in wall-mounting socket outlets may optionally be used.

Staggered slots make sure that only plugs or socket contacts of identical voltage rating can be used together. The plug, the coupling, and socket of this plug-and-socket device are designed for compliance with the plug-and-socket device of the same type as certified by conformity statement.

Rated isolation voltage ... up to	750 V
Rated voltage up to	690 V
Rated current max	125/180 A
Utilization category	AC-3
Rated frequency up to	400 Hz
Rated cross section	
Plug	50 mm ²
Wall-mounting socket outlet ...	50 mm ² to 120 mm ²
Ingress protection: IP66 by IEC 60529	

SPECIFIC CONDITIONS OF USE: NO



IECEx Certificate of Conformity

Certificate No: IECEx BKI 04.0005

Issue No: 1

Date of Issue: 2006-04-06

Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Description of supplements and modifications: According to standard IEC 61241-0: 2004-07 the plug-and socket device type GHG 515 R.... may also be used in areas in which explosive atmospheres with dust / air mixtures have to be expected to occur occasionally. The marking is therefore changed to read: Ex de IIC T6 Ex tD A21 IP66 T60 °C -55 °C ≤ Tamb ≤ +55 °C -20 °C ≤ Tamb ≤ +40 °C
Drawings: Nr. 4222 Description 01-MI4-B1-060103 01-MI4-B1-190701 Standards: IEC 61241-0 1st Edition IEC 61241-1 1st Edition