



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 04.0004 Issue No: 3 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 3 \(2013-11-12\)](#)
Date of Issue: **2013-11-12** [Issue No. 2 \(2011-09-19\)](#)
[Issue No. 1 \(2006-04-06\)](#)
Applicant: **Cooper Crouse-Hinds GmbH previously CEAG Sicherheitstechnik GmbH**
Neuer Weg Nord 49
D-69412 Eberbach, Germany
Germany
Electrical Apparatus: **Plug-and-socket device, Typ GHG 514RO...**
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 FEJES

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





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

Additional Manufacturing
location(s):

S.C. COOPER INDUSTRIES ROMANIA S.R.L
ARAD, Zona Industrial NV, str III, no 12
Romania

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 Edition:3.1	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-1 : 2001 Edition:4	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'
IEC 60079-7 : 2001 Edition:3	Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety 'e'

*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:	File Reference:
HU/BKI/04/P-002-04/3-1, HU/BKI/04/P-002-04/3-2	P-002-04/3
HU/BKI/04/P-002-04/3-3	
HU/BKI/ExTR06.0004/00, HU/BKI/QAR06.0004/00, DE/BVS/QAR11.0009/00, DE/BVS/QAR11.0006/02	P-008-05/15



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The plug-and-socket device of type GHG 514....RO... is used for the connection of mobile electrical apparatus or to produce wiring connections in explosion hazardous areas.

A mechanical identifier ensures that the plugs of plug-and-socket device, type GHG 53.V.... (certificate of conformity PTB No. Ex-86.B.1021), can continue to be used in wall-mounting socket outlet.

Rated voltage ... up to 690 V

Rated current ... max 63 A

Utilization category AC-3

Auxiliary switch

Rated voltage U_e ... up to 24 V 230 V 400 V 500 V 690 V

Rated current I_e ... max 6 A 0,4 A 8 A 20 A 6 A 16 A 20 A
DC-11 DC-11 AC-11 AC-3 AC-11 AC-3 AC-1

Provided the marking and breaking capacity complies with the relevant regulations, rated values other than those specified above are permissible and will be defined by the manufacturer, on the basis of the operating mode, utilization category, etc.

Rated frequency ... up to 400 Hz

Rated cross-section

Plug min. 16 mm² finely stranded for T6

Wall-mounting socket outlet ... min. 16 mm² finely stranded, 25 mm² stranded for T6

with cable lug or supplementary terminal ... max 35 mm²

Auxiliary terminals ... max 2,5 mm²

Ingress protection: IP54 by IEC 60529

CONDITIONS OF CERTIFICATION: NO



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

New manufacturing location:

S.C. COOPER INDUSTRIES ROMANIA S.R.L
ARAD, Zona Industrial NV, str III, no 12
ROMANIA

The IECEx QAR of the new manufacturing location:

DE/BVS/QAR11.0006/02