


Translation

(1) EC-Type Examination Certificate

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC
- (3) No. of EC-Type Examination Certificate: **BVS 15 ATEX E 101 U**
- (4) Component: **Flange-mounting socket outlet type GHG 5118 * * * * ***
- (5) Manufacturer: **Cooper Crouse-Hinds GmbH**
- (6) Address: **Neuer Weg-Nord 49, 69412 Eberbach, Germany**
- (7) The design and construction of this component and any acceptable variation thereto are specified in the appendix to this type examination certificate.
- (8) The certification body of DEKRA EXAM GmbH, notified body no. 0158 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament and the Council of 23 March 1994, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the Directive.
The examination and test results are recorded in the Test and Assessment Report BVS PP 15.2179 EG.
- (9) The Essential Health and Safety Requirements are assured by compliance with:
- | | |
|-----------------------------------|-------------------------------------|
| EN 60079-0:2012 + A11:2013 | General requirements |
| EN 60079-1:2014 | Flameproof enclosure "d" |
| IEC 60079-7:2015 | Increased safety "e" |
| EN 60079-31:2014 | Protection by enclosures "t" |
- (10) The sign "U" placed after the certificate number indicates that the certificate must not be mistaken for a certificate for equipment or a protective system. This certificate may only be used as the basis for the certification of equipment or a protective system.
- (11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified component in accordance to Directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.
- (12) The marking of the component shall include the following:

 **II 2G Ex db eb IIC/IIB Gb**
II 2D Ex tb IIIC Db

DEKRA EXAM GmbH
Bochum, dated 2015-09-21

Signed: Simanski

Certification body

Signed: Leiendecker

Special services unit

- (13) Appendix to
- (14) **EC-Type Examination Certificate
BVS 15 ATEX E 101 U**
- (15) 15.1 Subject and type

Flange-mounting socket outlet type GHG 511^{1)8²⁾ *³⁾ **⁴⁾ * ****}

- 1) Current 1 = 16 A
- 2) 8 = Flange-mounting socket
- 3) Poles 3 = 3 poles, 2 poles
 4 = 4 poles
 5 = 5 poles
- 4) Voltage 01 = Special design
 02 = Special design
 03 = 230 V
 04 = 110 / 130 V
 05 = 690 V
 06 = 230 / 415 V
 07 = 500 V
 08 = Special design
 09 = 127 / 230 V
 10 = Special design
 11 = Special design
 12 = Special design

15.2 Description

The flange-mounting socket outlet type GHG 5118 * * * * **** is used for the connection with a separately certified electrical equipment. The flange-mounting socket outlet type GHG 5118 * * * * **** is built in type of protection Increased Safety "e" or Protection by enclosure "t".

The flange-mounting socket outlet type GHG 5118 * * * * **** consists of a flange socket with flap cover, socket insert and a mounting switch locking device. The installed switch element is built in type of protection Flameproof Enclosure "d" with contact terminals in type of protection Increased Safety "e" or complete part of Protection by enclosure "t".

15.3 Parameters

Version	3(2) poles	4 poles	5 poles
Rated voltage	max. 415 V	max. 690 V	max. 690 V
Rated current	max. 16 A	max. 16 A	max. 16 A
Rated frequency	max. 400 Hz	max. 400 Hz	max. 400 Hz

Limits of service temperature

-55 °C up to +60 °C

(16) Test and Assessment Report

BVS PP 15.2179 EG as of 2015-09-21

(17) Installation instructions

The flange socket must be mounted in a separately certified enclosure for this purpose.

If the flange socket will be mounted in an enclosure built in type of protection Increased Safety "e" the creepage and clearance distances must be fulfil the requirements according IEC 60079-7.

The dimensions of the flameproof joints are in parts other than the relevant minimum or maximum values of EN 60079-1:2007. For information on the dimensions of the flameproof joints contact the manufacturer.

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

DEKRA EXAM GmbH
44809 Bochum, 2015-09-21
BVS-Hk/Mu A 20120651



Certification body



Special services unit