

# Certificate of Compliance

**Certificate:** 1998591

**Master Contract:** 240700

**Project:** 1998591

**Date Issued:** April 23, 2008

**Issued to:** Cooper Crouse Hinds GmbH  
Neuer Weg Nord 49  
69412 Eberbach  
GERMANY  
Attention: Mr Huter

*The products listed below are eligible to bear the cCSAus Mark shown*



**Issued by:** E.Giusti

**Authorized by:** M.H.J. Hoendervangers



## PRODUCTS

CLASS 6238 01 – RECEPTACLES - Attachment Plug Type and Plugs - For Hazardous Locations  
CLASS 6238 81 – RECEPTACLES - Attachment Plug Type and Plugs - For Hazardous Locations – Certified to US Standards

Ex de IIC T6  
Class I Zone 1 AEx de IIC T6

Class I, Division 2, Groups A, B, C and D;

Plug-in connectors series ExLink, Types GHG 571 .... R.... (4 poles), GHG 574 .... R.... (4+1 poles) and GHG 572 .... R.... (6+1 poles), composed of elbow, plug and receptacle.

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.

Electrical ratings are as follows:

GHG 571 .... R.... (4 poles)	GHG 574 ....R.... (4+1 poles)	GHG 572 ....R.... (6+1 poles)
Up to 250Vac	Up to 250Vac	Up to 400Vac
Up to 6 A	Up to 6 A	Up to 16A
14-18AWG cables	14-18AWG cables	14-18 AWG cables

**APPLICABLE REQUIREMENTS**

- CAN/CSA C22.2 E60079-0-02 (R2006) Electrical Apparatus for Explosive Atmosphere: General Requirements
- CAN/CSA C22.2 E60079-1-02 (R2006) Electrical Apparatus for Explosive Atmosphere: Flameproof enclosure “d”
- CAN/CSA C22.2 E60079-7-2003 Electrical Apparatus for Explosive Atmosphere: Increased safety “e”
- CAN/CSA C22.2 No 213 Non Incendive Equipment for use in Hazardous Locations
- CAN/CSA C22.2 No182.3 M1987 Special Use attachment Plugs and Receptacles, and connectors
- CAN/CSA C22.2 No 94.1-07 Enclosures for Electrical equipment, Non environmental considerations
  
- UL60079-0 Electrical Apparatus for Explosive Atmosphere: General Requirements
- UL60079-1 Electrical Apparatus for Explosive Atmosphere: Flameproof enclosure “d”
- UL60079-7 Electrical Apparatus for Explosive Atmosphere: Increased safety “e”
- UL1604 Electrical Equipment for Use in Class I and II, Division 2, and Class III Hazardous (classified) Locations.
- UL1977 Component Connectors for Use in Data, Signal, Control and Power Applications
- UL50 Enclosures for Electrical Equipment, Non-Environmental Considerations

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## **MARKINGS**

Following markings appear on the product, printed on a certified adhesive label.

- Manufacturer's name or Master Contract
- Model number or designation
- Serial number or date code
- Voltage and current ratings
- Hazardous location designation: Class I, Zone 1 AEx de IIC T6  
Ex de IIC T6  
Class I, Division 2 Groups A, B, C, D
- CSA certificate number: CSA08.xxxxxxx X
- Ambient temperature range:
- Temperature Code: T6

## **SPECIAL INSTRUCTION FOR SAFE USE:**

For adequate connection of the cable terminations, manufacturer's instructions shall be followed.

In the event, the cable terminations have to be done where a potentially explosive atmosphere is present, a terminal compartment shall be used which meets the requirements of the hazardous area and be certified for the application.

The terminal compartment on which the flange-mounting socket outlet, the appliance connector and the angle unit are mounted shall be of flameproof type and may have a maximum volume of 2000 cm<sup>3</sup>.

The metal version of the appliance connectors and the flange-mounting socket outlet with encapsulated connecting wires may also be installed in enclosures bigger than 2000 cm<sup>3</sup>

When unplugged, the appliance connector must not be alive.



CSA INTERNATIONAL

## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
1998591	April 23, 2008	Original cCSACus certification for plug-in connectors types GHG 571 ...R.... (4 poles), GHG 574 .... R.... (4+1 poles) and GHG 572 ...R.... (6+1 poles)