

Certificate of Compliance

Certificate: 2290931

Master Contract: 240700

Project: 2290931

Date Issued: May 10, 2010

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 CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only



E. Giusti
Issued by: E. Giusti

PRODUCTS

CLASS: 4418 02 OUTLET BOXES AND FITTINGS - Boxes - For Hazardous Locations

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

Class II, Division 1, Groups E, F and G.

Ex e II

GHG79 x xx series junction boxes, rated up to 600V, 35A (depending on wire size), IP66.
Ambient temperature range: - 55°C to + 55°C (depending on seal material).

GHG 751 0x series junction boxes, rated up to 600V, 224A, 50/60Hz, IP66.
Ambient temperature range: - 55°C to + 55°C (depending on seal material).

GHG 721 xxxx R xxxx and GHG 74x xxxx R xxxx series junction boxes, rated up to 600V, 180 A; 50/60Hz, IP66.
Ambient temperature range: - 55°C to + 55°C (depending on seal material).

GHG 731 xxxx R xxxx series junction boxes, rated up to 600V, 180A, 50/60Hz, IP66.
Ambient temperature range: - 55°C to + 55°C (depending on seal material).

Certificate: 2290931

Project: 2290931



Master Contract: 240700

Date Issued: May 10, 2010

CLASS: 4418 82 OUTLET BOXES AND FITTINGS - Boxes - For Hazardous Locations - Certified to US Standards

Class I, Zone 1, AEx e II

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

Class II, Division 2, Groups F and G

GHG79 x xx series junction boxes, rated up to 600V, 35A (depending on wire size), IP66.
Ambient temperature range: - 55°C to + 55°C (depending on seal material).

GHG 751 0x series junction boxes, rated up to 600V, 224A, 50/60Hz, IP66.
Ambient temperature range: - 55°C to + 55°C (depending on seal material).

GHG 721 xxxx R xxxx and GHG 74x xxxx R xxxx series junction boxes, rated up to 600V, 400A, 50/60Hz, IP66.
Ambient temperature range: - 55°C to + 55°C (depending on seal material).

GHG 731 xxxx R xxxx series junction boxes, rated up to 600V, 180A, 50/60Hz, IP66.
Ambient temperature range: - 55°C to + 55°C (depending on seal material).

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No.0-M91 - General Requirements - Canadian Electrical Code, Part II

CAN/CSA-C22.2 No.14-10 – Industrial control equipment

CAN/CSA-C22.2 No. 60079-0:2007 - Electrical apparatus for explosive gas atmospheres - Part 0: General requirements

CAN/CSA E60079-7:2003 - Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety “e”

CAN/CSA C22.2 No. 60529:05 - Degrees of protection provided by enclosures (IP Code)

CAN/CSA E61241-1-1-03 - Electrical apparatus protected by enclosures and surface temperature limitation - Specification for apparatus

UL60079-0:2009 – (Ed.5)Electrical apparatus for explosive gas atmospheres - Part 0: General requirements

UL60079-7:2008 – (Ed.4)Electrical apparatus for explosive gas atmospheres - Part 7: Increased safety “e”

UL50-07 – Enclosures for Electrical equipment

MARKINGS

Method of marking is printed adhesive label (materials description see GHG9051003F, UL recognized, CSA accepted file 99316)

- 1- CSA Master contract or Manufacturer’s name or trademark;
- 2- Catalog number
- 3- Electrical ratings, IP rating
- 4- Hazardous locations protection method: for example Ex e II and AEx e II
- 5- CSA certificate number “2010CSAxxxxxx”
- 6- Warning: “To reduce the risk of ignition of hazardous atmosphere, clean only with damp cloth. Do not use chemical cleaners”. (only for the GHG 79 junction box)

Installation Instructions shipped with the product shall include at least the following information:

Certificate: 2290931

Project: 2290931



Master Contract: 240700

Date Issued: May 10, 2010

- Instructions to clear define the maximum current loads at terminals or the method of calculation to determine such current loads at terminals to assure that the power and temperature requirements are met;
- Temperature rating of the wiring;
- Instructions to indicate clearly any re-arrangement or adjustment that is necessary to adapt to various sizes of conductors;
- Conductors insulating stripping requirements;
- Address the hazard of static charges build-up for plastic models.
- include the word "CAUTION" and the statement "Nonmetallic enclosure does not provide grounding between conduit connection .Use grounding bushings and jumper wire."

Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".



CSA INTERNATIONAL

Supplement to Certificate of Compliance

Certificate: 2290931

Master Contract: 240700

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

Product Certification History

| Project | Date | Description |
|----------------|--------------|--|
| 2290931 | May 10, 2010 | Original cCSAus Certification for terminal Boxes GHG79 x xx, GHG 751 0x, GHG 721 xxxx R xxxx, GHG 74x xxxx R xxxx and GHG 731 xxxx R xxxx. |