Certificate of Compliance

Certificate: 2557738 **Master Contract:** 256526

Project: 2557738 **Date Issued:** October 31, 2012

Issued to: **Bartec Varnost d.o.o**

Cesta 9
avgusta 59
Zagorje ob Savi, 1410
Slovenia
Attention: Janez Gajski

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.

Marin Banu

Issued by: Marin Banu, P. Eng.

PRODUCTS

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

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

Class 4418 02 OUTLET BOXES AND FITTINGS Boxes - For Hazardous Locations

Class I, Div 2 Groups A, B, C, D

Class II Div 2 Groups E, F, G

Class III

Ex e ia/ib IIA/IIB/IIC T6, T5 Gb;

Ex tb IIIC T 80°C, T95°C; Db

- Junction Box Aluminium, Type 07-5101-****/****/07-5102-****/***, rated voltage max. 1100V rated current max. 500 A, max. 300mm² conductor, Ambient temperature range: max.-55ºC up to +65ºC. Temperature Class T5/T6, T80ºC, T95ºC. Degrees of Protection max IP66.

- Junction Box Polyester, Type 07-5103-****/****/07-5105-****/***/07-5106-****/***/07-5107-****/***, rated voltage max. 1100V rated current max. 500 A, max. 300mm² conductor, Ambient temperature range: max.-55ºC up to +55ºC. Temperature Class T5/T6, T80ºC, T95ºC. Degrees of Protection max IP66.

Notes: 1. The temperature Class assigned to the product is based on the highest temperature class of the certified components installed within the junction boxes.

2. The minimum ambient temperature of -55°C applies only for the Silicon gasket sealing.

3. The end user shall use the wiring method according to CEC / NEC.

4. Junction Box may include terminals for intrinsically safe circuits. The final application shall assure that the clearance and creepage distances between intrinsically safe and non-intrinsically safe circuits and/or different intrinsically safe circuits and a circuit and earth as set forth in IEC 60079-11 are met.

Final installation shall be subjected to acceptance of local authority having jurisdiction.

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

Class I, Div 2 Groups A, B, C, D

Class II Div 2 Groups E, F, G

Class III

Class I, Zone 1

AEx e ia/ib IIA/IIB/IIC T6, T5 Gb

Zone 21

AEx tb IIIC T 80°C, T95°C; Db

- Junction Box Aluminium, Type 07-5101-****/****/07-5102-****/***, rated voltage max. 1100V rated current max. 500 A, max. 300mm² conductor, Ambient temperature range: max.-55ºC up to +65ºC. Temperature Class T5/T6, T80ºC, T95ºC. Degrees of Protection max IP66.
- Junction Box Polyester, Type 07-5103-****/****/07-5105-****/***/07-5106-****/***/07-5107-****/***, rated voltage max. 1100V rated current max. 500 A, max. 300mm² conductor, Ambient temperature range: max.-55ºC up to +55ºC. Temperature Class T5/T6, T80ºC, T95ºC. Degrees of Protection max IP66.

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APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 0-10	General Requirements – Canadian Electrical Code, Part II
CSA Std. C22.2 No. 18.1-04 (R2009)	Metallic Outlet Boxes
CSA Std. C22.2 NO. 18.2-06	Nonmetallic Outlet Boxes
CSA STD C22.2 No. 213-M1987	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CAN/CSA-C22.2 NO. 157-92 (R2012)	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CAN/CSA-C22.2 No. 60079-0:07	Electrical apparatus for explosive gas atmospheres – Part 0: General requirements
CAN/CSA-C22.2 No. 60079-7:12	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
CAN/CSA-C22.2 No. 60079-11:11	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
CAN/CSA-C22.2 No. 60079-31:12	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
UL 514A:2004	Metallic Outlet Boxes
UL 514C:1996	Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers
UL 1773 Ed. 5	Termination Boxes
ANSI/ISA 12.12.01, Ed. 1 (2007)	Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Division 1 and 2Hazardous (Classified)

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Locations

ANSI/UL 60079-0:2009	Electrical Apparatus for Explosive Gas Atmospheres – Part 0: General requirements
ANSI/UL 60079-7:2008	Electrical Apparatus for Explosive Gas Atmospheres - Part 7: Increased safety "e"
ANSI/UL 60079-11:2009	Electrical Apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"
ANSI/UL 60079-31:2009	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

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

Project	Date	Description
2557738	October 31, 2012	CSA c-us certification of Polyester and Aluminum Junction boxes for Class I Div.2, Groups A, B, C, D, Class II, Div.2 Groups E, F, G, Class III