



Certificate of Compliance

Certificate: 2654547 (LR 85562)

Master Contract: 180267

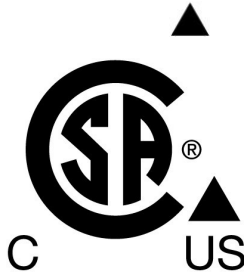
Project: 2654547

Date Issued: December 8, 2013

Issued to: BARTEC GmbH
Max-Eyth-Str 16
Bad Mergentheim, 97980
Germany

Attention: Sonja Drolshagen

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C', 'US' and



Marin Banu

Issued by: Marin Banu, P. Eng.

PRODUCTS

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations -
Certified to US Standards

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Zone 2

Ex nA nC [pz] IIC T4/T6 Gc

- Control System "SILAS" - Purge and Pressurization Control System for Type Z, rated 230 Vac, 50-60 Hz, 200 mA or 115 Vac, 50-60 Hz, 200 mA or 24 Vdc, 500 mA; Ambient temperature: -20 to +60 °C @T4, +40 °C at T6.

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CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Zone 22

Ex tc [p] IIIB T85 °C Dc

- Control System “SILAS” - Purge and Pressurization Control System for Type Z, rated 230 Vac, 50-60 Hz, 200 mA or 115 Vac, 50-60 Hz, 200 mA or 24 Vdc, 500 mA; Ambient temperature: -20 to +60 °C @T4, +40 °C at T6.

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations – Certified to US Standards

Class II, Zone 22

AEx tc [p] IIIB T85 °C Dc

- Control System “SILAS” - Purge and Pressurization Control System for Type Z, rated 230 Vac, 50-60 Hz, 200 mA or 115 Vac, 50-60 Hz, 200 mA or 24 Vdc, 500 mA; Ambient temperature: -20 to +60 °C @T4, +40 °C at T6.

APPLICABLE REQUIREMENTS

CSA Std. C22.2 No. 0-10 - General Requirements – Canadian Electrical Code, Part II

CAN/CSA-C22.2 No. 61010-1-12 - Safety Requirements for Electrical Equipment for

Measurement, Control, and Laboratory Use, Part 1: General Requirements



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- CAN/CSA-C22.2 No. 60079-0:11 - Electrical apparatus for explosive gas atmospheres –
Part 0: General requirements
- CAN/CSA-C22.2 No. 60079-15:12 - Electrical apparatus for explosive gas atmospheres –
Part 15: Construction, test and marking of type of protection "n" electrical apparatus
- CAN/CSA-C22.2 No. 60079-2:12 - Explosive atmospheres –
Part 2: Equipment protection by pressurized enclosure "p"
- CAN/CSA-C22.2 No. 60079-31:12 - Explosive atmospheres –
Part 31: Equipment dust ignition protection by enclosure "t"
- CAN/CSA-C22.2 No. 61241-4:12 - Electrical apparatus for use in the presence
of combustible dust – Part 4: Type of protection "pD"
- CAN/CSA-C22.2 No. 60529:05 (R 2010) - Degrees of protection provided by enclosures (IP Code)
- UL Std. No. 61010-1 (3rd Edition) - Safety Requirements for Electrical Equipment for
Measurement, Control, and Laboratory Use - Part 1: General Requirements
- ANSI/UL 60079-0 (6th Edition 2013) - Explosive Atmospheres – Part 0: Equipment - General
Requirements
- ANSI/ISA 60079-2-2010 - Explosive atmospheres – Part 2: Equipment protection
by pressurized enclosures "p"
- ANSI/UL 60079-15 (4th Edition 2013) - Electrical Apparatus for Explosive Gas Atmospheres –
Part 15: Construction, Test and Marking of Type of Protection 'n' Electrical Apparatus
- ANSI/UL 60079-31:2009 - Explosive atmospheres - Part 31: Equipment dust ignition
protection by enclosure "t"
- ANSI/ISA-61241-1 (12.10.03)-2006 (R2011)- Electrical Apparatus for Use in Zone 21 and Zone 22
Hazardous (Classified) Locations – Protection by Enclosures “tD”
- NFPA 496 (Edition 2013) - Standard for Purged and Pressurized Enclosures for
Electrical Equipment



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ANSI/IEC 60529-2004 - Degrees of protection provided by enclosures (IP Code)

MARKINGS

Company name

- Model number
- Serial number
- Electrical rating
- CSA Monogram with C/US indicators
- CSA Certificate Number CSA 13.2654547X
- Maximum ambient
- Caution re Substitution of components
- Caution re Explosion hazard
- Hazardous location ratings
- Temperature Class

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".