



Certificate of Compliance

Certificate: 2661551 (LR 85562)

Master Contract: 180267

Project: 70010660

Date Issued: February 27, 2015

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' 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 2258 02 - 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 1

Ex e d IIC T6 Gb

- Control and indicating device ComEx type 07-351*..****/****/**** rated: up to 400 V, max 16 A, Ambient temperature range: -55°C up to +60°C. Temperature Class T6, IP65, IP66, IP67 depending on the actuating elements fitted.
- Control and indicating device ComEx Flex type 07-33*3-5***/****/**** rated: up to 400 V, max 16 A, Ambient temperature range: -55°C up to +60°C. Temperature Class T6, IP65, IP66, IP67 depending on the actuating elements fitted.



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

Class I, Zone 1

AEx e d IIC T6 Gb

- Control and indicating device ComEx type 07-351*-****/****/**** rated: up to 400 V, max 16 A, Ambient temperature range: -55°C up to +60°C. Temperature Class T6, IP65, IP66, IP67 depending on the actuating elements fitted.
- Control and indicating device ComEx Flex type 07-33*3-5****/****/**** rated: up to 400 V, max 16 A, Ambient temperature range: -55°C up to +60°C. Temperature Class T6, IP65, IP66, IP67 depending on the actuating elements fitted.

CLASS 2258 02 PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class II, Zone 21; Class III, Div 1; Class II, Div 1, Groups E, F, and G

Ex tb IIIC T80 °C Db; IP6X

- Control and indicating device ComEx type 07-351*-****/****/**** rated: up to 400 V, max 16 A, Ambient temperature range: -55°C up to +60°C. Temperature Class T6; IP65, IP66, IP67 (depending on the actuating elements fitted).
- Control and indicating device ComEx Flex type 07-33*3-5****/****/**** rated: up to 400 V, max 16 A, Ambient temperature range: -55°C up to +60°C. Temperature Class T6; IP65, IP66, IP67 (depending on the actuating elements fitted).

CLASS 2258 82 PROCESS CONTROL EQUIPMENT - For Hazardous Locations –

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Class II, Zone 21

AEx tb IIIC T80 °C Db; IP6X



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- Control and indicating device ComEx Flex type 07-33*3-5****/****/**** rated: up to 400 V, max 16 A, Ambient temperature range: -55°C up to +60°C. Temperature Class T6; IP65, IP66, IP67 (depending on the actuating elements fitted).

CLASS 2258 02 PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

- Control and indicating device ComEx type 07-351*-****/****/**** rated: up to 400 V, max 16 A, Ambient temperature range: -55°C up to +60°C. Temperature Class T6, IP65, IP66, IP67 depending on the actuating elements fitted.
- Control and indicating device ComEx Flex type 07-33*3-5****/****/**** rated: up to 400 V, max 16 A, Ambient temperature range: -55°C up to +60°C. Temperature Class T6, IP65, IP66, IP67 depending on the actuating elements fitted.

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

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

- Control and indicating device ComEx type 07-351*-****/****/**** rated: up to 400 V, max 16 A, Ambient temperature range: -55°C up to +60°C. Temperature Class T6, IP65, IP66, IP67 depending on the actuating elements fitted.
- Control and indicating device ComEx Flex type 07-33*3-5****/****/**** rated: up to 400 V, max 16 A, Ambient temperature range: -55°C up to +60°C. Temperature Class T6, IP65, IP66, IP67 depending on the actuating elements fitted.

APPLICABLE REQUIREMENTS

CSA Std. C22.2 No. 0-10

- General Requirements – Canadian Electrical Code, Part II

CAN/CSA Std. C22.2 No. 61010-1-04

- Safety Requirements for Electrical Equipment for
Measurement, Control, and Laboratory Use, Part 1:



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	General Requirements
CAN/CSA C22.2 No 213 (2nd Edition)/	- Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
CAN/CSA Std. C22.2 No. 60079-0:07	- Electrical apparatus for explosive gas atmospheres – Part 0: General requirements
CAN/CSA Std. C22.2 No. 60079-1:07	- Electrical apparatus for explosive gas atmospheres – Part 1: Flameproof enclosures "d"
CAN/CSA Std. C22.2 No. 60079-7:03	- Electrical apparatus for explosive gas atmospheres – Part 7: Increased safety "e"
CAN/CSA Std. C22.2 No. 60079-31:12	- Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
CAN/CSA Std. C22.2 No. 60529:05 (R 2010)	- Degrees of protection provided by enclosures (IP Code)
UL Std. No. 61010-1 (2nd Edition)	- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
	General Requirements
ANSI/ISA-12.12.01 (2013)	- Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations
ANSI/UL Std. 60079-0 (5th Edition 2009)	- Explosive Atmospheres – Part 0: Equipment - General Requirements
ANSI/UL Std. 60079-1 (6th Edition 2009)	- Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures “d”
ANSI/UL Std. 60079-7 (Ed 4th 2008)	- Explosive Atmospheres – Part 7: Equipment Protection by Increased Safety "e"
ANSI/ISA Std. 61241-0 (12.10.02)-2006 (R2011)	- Electrical Apparatus for Use in Zone 20, Zone 21 and Zone 2 Hazardous (Classified) Locations – General Requirements
ANSI/UL Std. 60079-31:2009	- Explosive atmospheres - Part 31: Equipment dust



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ignition protection by enclosure "t"

ANSI/IEC Std. 60529-2004

- Degrees of protection provided by enclosures (IP Code)

MARKINGS

Product markings shall be in accordance with the related standards. In addition, it shall be the responsibility of the manufacturer to provide additional markings on the product to comply with the requirements of the local regulatory authorities. For example, in Canada, any caution and warning markings must be provided in French and English.

- Company name
- Model number
- Serial number
- Electrical rating
- CSA Monogram with C/US indicators
- CSA Certificate Number CSA 13. 2661551X
- 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".