



Certificate of Compliance

Certificate: 2515401

Master Contract: 180267

Project: 80146886

Date Issued: May 27, 2024

Issued To: BARTEC GmbH
Max-Eyth-Str 16
Bad Mergentheim, Baden-Württemberg, 97980
Germany

Attention: Steffen Mika

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.

Issued by: Bill Bizuk, P. Eng.
Bill Bizuk, P. Eng.



***** The following product description is for a Generically Marked Panel product*****

PRODUCTS

CLASS - C2258 02 - PROCESS CONTROL EQUIPMENT For Hazardous Locations

Class I, Div. 2, Groups A, B, C and D T3/T4/T5/T6

- Control Station, Type 07-31**-****/**** or Junction box 07-3T**-****/**** rated voltage max. 1000V, Um=250Vac rated current 690A max. 400mm² conductor, Ambient temperature range: -60°C up to +60°C. Temperature Class T3/T4/T5/T6. Degrees of Protection of min. IP54.

Class I, Div. 2, Groups A, B, C and D T3/T4/T5/T6

- Control Station, Type 07-31**-****/**** or Junction box 07-3T**-****/**** rated voltage max. 1000V, Um=250Vac rated current 690A max. 400mm² conductor, Ambient temperature range: -60°C up to +60°C. Temperature Class T3/T4/T5/T6. Degrees of Protection IP66.



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CLASS - C2258 82 - PROCESS CONTROL EQUIPMENT For Hazardous Locations - Certified to US Standards

Class I, Div. 2, Groups A, B, C and D T3/T4/T5/T6

- Control Station, Type 07-31**-****/**** or Junction box 07-3T**-****/****, rated voltage max. 1000V, $U_m=250V_{ac}$ rated current 690A max. 400mm² conductor, Ambient temperature range: -60°C up to +60°C. Temperature Class T3/T4/T5/T6. Degrees of Protection of min. IP54.

CLASS - C2258 04 - PROCESS CONTROL EQUIPMENT Intrinsically Safe, Entity - For Hazardous Locations

Type 07-31**-****/****

Ex db eb ia ib [ib] ma mb op is [op is] op pr q IIA, IIB or IIC T6, T5, T4 or T3 Gb

Ex db eb ia ib [ia Ga] ma mb op is [op is] op pr q IIA, IIB, IIC T6, T5, T4 or T3 Gb

- Control Station, Model 07-31**-****/**** or Junction box 07-3T**-****/****, rated voltage max. 1000V, $U_m=250V_{ac}$ rated current 690 Amax. 400mm² conductor, Ambient temperature range: -60°C up to +60°C. Temperature Class T3/T4/T5/T6. Degrees of Protection of min. IP54.

CLASS - C2258 84 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations - Certified to US Standards

Class I, Zone 1

Type 07-31**-****/****

AEx db eb ia ib [ib] ma mb op is [op is] op pr q IIA, IIB or IIC T6, T5, T4 or T3 Gb

AEx db eb ia ib [ia Ga] ma mb op is [op is] op pr q IIA, IIB, IIC T6, T5, T4 or T3 Gb

- Control Station, Model 07-31**-****/**** or Junction box 07-3T**-****/****, rated voltage max. 1000V, $U_m=250V_{ac}$ rated current 690 Amax. 400mm² conductor, Ambient temperature range: -60°C up to +60°C. Temperature Class T3/T4/T5/T6. Degrees of Protection of min. IP54.

Conditions of Acceptability:

- 1) All individual components Schedule of Limitations are to be reviewed and meet.



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APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 61010-1-12	- Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements
CAN/CSA C22.2 No 213 (2 nd 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-C22.2 No. 60079-0:07	- Electrical apparatus for explosive gas atmospheres – Part 0: General requirements
CAN/CSA-C22.2 No. 60079-1:07	- Electrical apparatus for explosive gas atmospheres – Part 1: Flameproof enclosures "d"
CAN/CSA E60079-11:02 (R2006)	- Electrical apparatus for explosive gas atmospheres – Part 11: Intrinsic safety "i"
CAN/CSA-C22.2 No. 60079-7:03	- Electrical apparatus for explosive gas atmospheres – Part 7: Increased safety "e"
CAN/CSA-C22.2 No. 60079-5:11	- Explosive atmospheres – Part 5: Equipment protection by powder filling "q"
CAN/CSA-C22.2 No. 60079-18:12	- Explosive atmospheres – Part 18: Equipment protection by encapsulation "m"
CAN/CSA-C22.2 No. 60079-28:16	- Explosive Atmospheres – Part 28: Protection of equipment and transmissions systems using optical radiation.
CAN/CSA-C22.2 No. 60529:05 (R 2010)	- Degrees of protection provided by enclosures (IP Code)
UL Std. No. 916, Ed 4 (2007)	- Energy Management Equipment
UL Std No. 508, Ed 17 (1999)	- Electric Industrial Control Equipment
ANSI/UL 60079-0 (5 th Edition 2009)	- Explosive Atmospheres – Part 0: Equipment— General Requirements
ANSI/UL 60079-1 (6 th Edition 2009)	- Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures "d"
ANSI/UL 60079-11(5 th Edition 2009)	- Explosive Atmospheres – Part 11: Equipment Protection by Intrinsic Safety "i"



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ANSI/UL 60079-7 (Ed 4 th 2008)	- Explosive Atmospheres – Part 7: Equipment Protection by Increased Safety "e"
ANSI/ISA-60079-28:15	- Explosive Atmospheres – Part 28: Protection of equipment and transmissions systems using optical radiation
ANSI/ISA-60079-5	- Explosive Atmospheres – Part 5: Equipment Protection by powder filling "q"
ANSI/ISA-60079-18 (12.23.01)-2009	- Explosive Atmospheres – Part 18: Equipment Protection by encapsulation "m"
ANSI/IEC 60529-2004	- Degrees of protection provided by enclosures (IP Code)
ANSI/ISA-60079-27 (12.02.04)-2006	- Fieldbus Intrinsically Safe Concept (FISCO) and Fieldbus Non-Incendive Concept (FNICO)
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

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

- Company name
- Model number
- Serial number
- Electrical rating
- CSA Monogram with C/US indicators
- CSA Certificate Number CSA 12.2515401
- Maximum ambient
- Caution re Substitution of components
- Caution re Explosion hazard



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- 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 “Marking”.

Notes:



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
80146886	2024-05-27	FIR follow-up, update to Report 2515401 to address (FC# 274003) FIR dated October 26, 2021. This project will also perform corrections in line with internal CSA audit, and acquire supporting documentation for technical decisions.
70217364	2019-04-30	Update CSA Report 2515401 to add two new enclosures
000070010167	2014-12-04	cCSAus certification of A7-3***-****/**** Control Station for use in Zone 2/22 area
0002625894	2013-05-15	Update to Report 2515401 to include new enclosure TNCN series and Fieldbus Indicator
0002515401	2012-07-26	CSAc-us Certification of Control Station as Class I Zone 1 Ex/AEx de ia/ib [ia/ib]mb q IIA/IIB/IIC, tD [ia/ib]A21 IP65 T80 C, T95 C, T 130 C; Degrees of Protection IP54 Gas/IP65 Dust