



Certificate of Compliance

Certificate: 2661552

Master Contract: 180267

Project: 80034962

Date Issued: 2020-06-15

Issued to: BARTEC GmbH
Max-Eyth-Str 16
Bad Mergentheim, Baden-Württemberg 97980
GERMANY
Attention: Mr. Cristian Olareanu

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: Marin Banu
Marin Banu

PRODUCTS

CLASS 2258 02 PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Zone 1
Ex e d IIC Gb

Control, Switching and Display Module, Type 07-33*3-5***/****

- Module operators ComEx type 05-0003-00**/**** Rated ambient temperature -55°C to $+70^{\circ}\text{C}$
- Switch modules ComEx type 07-3323, type 07-3321-****/****, 07-3331-1***/****
- Switch modules ComEx Flex type 07-33*3-5***/**** rated up to 400 V, 16 A, 24 V dc 1A; Ambient temperature range $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Control and switching unit ComEx type 07-337*-1***/**** and type 07-337*-4***/**** rated at 12 V to 250 V ac and 12 V to 60 V dc up to 16 A, or 400 V 16 A ac; Ambient temperature range $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Lamp module type 07-3353 and type 07-3351 rated at 12 to 250 V ac 50/60 Hz and 12 to 60 V dc; ambient temperature $-55^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$, if $U_e \leq 26,4\text{ V}$
- Illuminated push button module type 07-3361 and type 07-3363



Certificate: 2661552
Project: 80034962

Master Contract: 180267
Date Issued: 2020-06-15

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

Class I, Zone 1
AEx e d IIC Gb

- Module operators ComEx type 05-0003-00**/**** Rated ambient temperature -55°C to $+70^{\circ}\text{C}$
- Switch modules ComEx type 07-3323, type 07-3321-****/****, 07-3331-1***/****
- Switch modules ComEx Flex type 07-33*3-5***/**** rated up to 400 V, 16 A, 24 V dc 1A; Ambient temperature range $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$.
- Control and switching unit ComEx type 07-337*-1***/**** and type 07-337*-4***/**** rated at 12 V to 250 V ac and 12 V to 60 V dc up to 16 A, or 400 V 16 A ac; Ambient temperature range $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Lamp module type 07-3353 and type 07-3351 rated at 12 to 250 V ac 50/60 Hz and 12 to 60 V dc; ambient temperature $-55^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$, if $U_e \leq 26,4$ V
- Illuminated push button module type 07-3361 and type 07-3363

CLASS 2258 02 PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

- Module operators ComEx type 05-0003-00**/**** Rated ambient temperature -55°C to $+70^{\circ}\text{C}$
- Switch modules ComEx type 07-3323, type 07-3321-****/****, 07-3331-1***/****
- Switch modules ComEx Flex type 07-33*3-5***/**** rated up to 400 V, 16 A, 24 V dc 1A; Ambient temperature range $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Control and switching unit ComEx type 07-337*-1***/**** and type 07-337*-4***/**** rated at 12 V to 250 V ac and 12 V to 60 V dc up to 16 A, or 400 V 16 A ac; Ambient temperature range $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Lamp module type 07-3353 and type 07-3351 rated at 12 to 250 V ac 50/60 Hz and 12 to 60 V dc; ambient temperature $-55^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$, if $U_e \leq 26,4$ V
- Illuminated push button module type 07-3361 and type 07-3363

Class II, Zone 21; Class III, Div 1; Class II, Div 1, Groups E, F, and G
Ex tb IIIC Db

- Module operators ComEx type 05-0003-00**/**** Rated ambient temperature -55°C to $+70^{\circ}\text{C}$
- Switch modules ComEx type 07-3323, type 07-3321-****/****, 07-3331-1***/****
- Switch modules ComEx Flex type 07-33*3-5***/**** rated up to 400 V, 16 A, 24 V dc 1A; Ambient temperature range $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Control and switching unit ComEx type 07-337*-1***/**** and type 07-337*-4***/**** rated at 12 V to 250 V ac and 12 V to 60 V dc up to 16 A, or 400 V 16 A ac; Ambient temperature range $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Lamp module type 07-3353 and type 07-3351 rated at 12 to 250 V ac 50/60 Hz and 12 to 60 V dc; ambient temperature $-55^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$, if $U_e \leq 26,4$ V



Certificate: 2661552
Project: 80034962

Master Contract: 180267
Date Issued: 2020-06-15

- Illuminated push button module type 07-3361 and type 07-3363

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

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

- Module operators ComEx type 05-0003-00**/**** Rated ambient temperature -55°C to $+70^{\circ}\text{C}$
- Switch modules ComEx type 07-3323, type 07-3321-****/**** and type 07-3331-1***/**** rated: up to 400 V, max 16 A, 24 V Max 1A. Ambient temperature range: $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$.
- Switch modules ComEx type 07-3323, type 07-3321-****/****, 07-3331-1***/**** and 07-3381-****/**** rated: up to 400 V, max 16 A, 24 V Max 1A. Ambient temperature range: $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Control and switching unit ComEx type 07-337*-1***/**** and type 07-337*-4***/**** rated at 12 V to 250 V ac and 12 V to 60 V dc up to 16 A, or 400 V 16 A ac; Ambient temperature range $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Lamp module type 07-3353 and type 07-3351 rated at 12 to 250 V ac 50/60 Hz and 12 to 60 V dc; ambient temperature $-55^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$, if $U_e \leq 26,4\text{ V}$
- Illuminated push button module type 07-3361 and type 07-3363

Class II, Zone 21

AEx t IIIC Db; IP6X

- Module operators ComEx type 05-0003-00**/**** Rated ambient temperature -55°C to $+70^{\circ}\text{C}$
- Switch modules ComEx type 07-3323, type 07-3321-****/****, 07-3331-1***/**** and 07-3381-****/**** rated: up to 400 V, max 16 A, 24 V Max 1A. Ambient temperature range: $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Switch modules ComEx Flex type 07-33*3-5***/**** rated up to 400 V, 16 A, 24 V dc 1A; Ambient temperature range $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Control and switching unit ComEx type 07-337*-1***/**** and type 07-337*-4***/**** rated at 12 V to 250 V ac and 12 V to 60 V dc up to 16 A, or 400 V 16 A ac; Ambient temperature range $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ resp. $+50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$
- Lamp module type 07-3353 and type 07-3351 rated at 12 to 250 V ac 50/60 Hz and 12 to 60 V dc; ambient temperature $-55^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$, if $U_e \leq 26,4\text{ V}$
- Illuminated push button module type 07-3361 and type 07-3363

Conditions of Acceptability:

The components are to be installed in an enclosure, which meets the requirements of a recognized type of protection as specified in Section 1 of CSA 60079-0 and ANSI/UL 60079-0.

1. The control, switching and display module shall be installed such that it is protected from risk of mechanical damage and electrostatic charge
2. When the components are installed in an increased safety enclosure that complies with CSA 60079-7 and ANSI/UL 60079-7, the creepage and clearance distances must comply with the requirements of Table 1.



Certificate: 2661552
Project: 80034962

Master Contract: 180267
Date Issued: 2020-06-15

3. The components may be operated in an intrinsically safe or a non-intrinsically safe operation mode. The operation mode is specified in line with the specification of the product by the end user during installation. When the operation mode or the corresponding marking have been selected, these shall be permanent and shall not be changed during the entire life of the component.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 0-10	- General Requirements – Canadian Electrical Code, Part II
CAN/CSA-C22.2 No. 61010-1-04	- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: 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-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-C22.2 No. 60079-7:03	- Electrical apparatus for explosive gas atmospheres – Part 7: Increased safety "e"
CAN/CSA-C22.2 No. 60079-31:12	- Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
CAN/CSA-E61241-1-1:02	- Electrical apparatus for use in the presence of combustible dust - Part 1: Electrical apparatus protected by enclosures
CAN/CSA-C22.2 No. 60529:05 (R 2010)	- Degrees of protection provided by enclosures (IP Code)
UL Std. No. 61010-1 (2 nd Edition)	- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: 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 60079-0 (5th Edition 2009)	- Explosive Atmospheres – Part 0: Equipment - General Requirements
ANSI/UL 60079-1 (6th Edition 2009)	- Explosive Atmospheres – Part 1: Equipment Protection by Flameproof Enclosures “d”
ANSI/UL 60079-7 (Ed 4 th 2008)	- Explosive Atmospheres – Part 7: Equipment Protection by Increased Safety "e"
ANSI/ISA-61241-0 (12.10.02)-2006 (R2011)	- Electrical Apparatus for Use in Zone 20, Zone 21 and Zone 22 Hazardous (Classified) Locations – General Requirements
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”
ANSI/UL 60079-31:2009	- Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
ANSI/IEC 60529-2004	- Degrees of protection provided by enclosures (IP Code)



Certificate: 2661552
Project: 80034962

Master Contract: 180267
Date Issued: 2020-06-15

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 13. 2661552U
- Maximum ambient
- Caution re Substitution of components
- Caution re Explosion hazard
- Hazardous location ratings
- Temperature Class

Note: If not enough space is available, a reduce markings can appear on the product and the complete markings information is included in the Manual.

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".



Supplement to Certificate of Compliance

Certificate: 70163097

Master Contract: 185289 (104225_0_000)

*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
80034962	2020-06-15	Update to CSA Report 2661552 to include revised documentation
70010162	2015-03-06	Update to CSA Report 2661552 to include Amendment of new certificate for operators at CM.
2661552	2013-11-17,	CSA certification of ComEx type 07-351*-****/****, and ComEx Flex type 07-33*3-5****/****/**** for Class I Zone 1/21 and Class I Div. 2. Original Certification.