



Certificate of Compliance

Certificate: 2661552 (LR 85562)

Master Contract: 180267

Project: 70010162

Date Issued: March 6, 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 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 1

Ex e d IIC Gb

- Module operators ComEx type 05-0003-00**/**** Rated ambient temperature -55 °C to + 70 °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 °C ≤ Ta ≤ +40 °C resp. +60 °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 °C ≤ Ta ≤ +40 °C resp. +60 °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 °C ≤ Ta ≤ +40 °C resp. +50 °C resp. +60 °C



Certificate: 2661552 (LR 85562)

Master Contract: 180267

Project: 70010162

Date Issued: March 6, 2015

-
- 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 $-55^{\circ}\text{C} \leq Ta \leq +50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$, if $Ue \leq 26,4\text{ V}$
 - 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, 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-****/**** and type 07-3331-1***/**** rated: up to 400 V, max 16 A, 24 V Max 1A. Ambient temperature range: $-55^{\circ}\text{C} \leq Ta \leq +40^{\circ}\text{C}$ 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 $-55^{\circ}\text{C} \leq Ta \leq +40^{\circ}\text{C}$ 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 $-55^{\circ}\text{C} \leq Ta \leq +40^{\circ}\text{C}$ 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 $-55^{\circ}\text{C} \leq Ta \leq +50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$, if $Ue \leq 26,4\text{ V}$
- 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-****/**** and type 07-3331-1***/**** rated: up to 400 V, max 16 A, 24 V Max 1A. Ambient temperature range: $-55^{\circ}\text{C} \leq Ta \leq +40^{\circ}\text{C}$ 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 $-55^{\circ}\text{C} \leq Ta \leq +40^{\circ}\text{C}$ 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 $-55^{\circ}\text{C} \leq Ta \leq +40^{\circ}\text{C}$ 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 $-55^{\circ}\text{C} \leq Ta \leq +50^{\circ}\text{C}$ resp. $+60^{\circ}\text{C}$, if $Ue \leq 26,4\text{ V}$
- Illuminated push button module type 07-3361 and type 07-3363



Certificate: 2661552 (LR 85562)

Master Contract: 180267

Project: 70010162

Date Issued: March 6, 2015

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 $-55\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$
- 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: $-55\text{ }^{\circ}\text{C} \leq Ta \leq +40\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$
- Switch modules ComEx Flex type 07-33*3-5***/**** rated up to 400 V, 16 A, 24 V dc 1A; Ambient temperature range $-55\text{ }^{\circ}\text{C} \leq Ta \leq +40\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$
- 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 $-55\text{ }^{\circ}\text{C} \leq Ta \leq +40\text{ }^{\circ}\text{C}$ resp. $+50\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$
- 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 $-55\text{ }^{\circ}\text{C} \leq Ta \leq +50\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$, if $Ue \leq 26,4\text{ V}$
- 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 $-55\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$
- 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: $-55\text{ }^{\circ}\text{C} \leq Ta \leq +40\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$
- Switch modules ComEx Flex type 07-33*3-5***/**** rated up to 400 V, 16 A, 24 V dc 1A; Ambient temperature range $-55\text{ }^{\circ}\text{C} \leq Ta \leq +40\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$
- 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 $-55\text{ }^{\circ}\text{C} \leq Ta \leq +40\text{ }^{\circ}\text{C}$ resp. $+50\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$
- 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 $-55\text{ }^{\circ}\text{C} \leq Ta \leq +50\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$, if $Ue \leq 26,4\text{ V}$
- Illuminated push button module type 07-3361 and type 07-3363

Class II, Zone 21

AEx t IIIC Db; IP6X



Certificate: 2661552 (LR 85562)

Master Contract: 180267

Project: 70010162

Date Issued: March 6, 2015

-
- Module operators ComEx type 05-0003-00**/**** Rated ambient temperature $-55\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$
 - 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: $-55\text{ }^{\circ}\text{C} \leq Ta \leq +40\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$
 - Switch modules ComEx Flex type 07-33*3-5***/**** rated up to 400 V, 16 A, 24 V dc 1A; Ambient temperature range $-55\text{ }^{\circ}\text{C} \leq Ta \leq +40\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$
 - 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 $-55\text{ }^{\circ}\text{C} \leq Ta \leq +40\text{ }^{\circ}\text{C}$ resp. $+50\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$
 - 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 $-55\text{ }^{\circ}\text{C} \leq Ta \leq +50\text{ }^{\circ}\text{C}$ resp. $+60\text{ }^{\circ}\text{C}$, if $Ue \leq 26,4\text{ V}$
 - Illuminated push button module type 07-3361 and type 07-3363

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 (2nd Edition) | - Safety Requirements for Electrical Equipment for |



Certificate: 2661552 (LR 85562)

Master Contract: 180267

Project: 70010162

Date Issued: March 6, 2015

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 4th 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)

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. 2661552X



Certificate: 2661552 (LR 85562)

Master Contract: 180267

Project: 70010162

Date Issued: March 6, 2015

- 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".