



# Certificate of Compliance

**Certificate:** 70013205

**Master Contract:** 225844

**Project:** 80075872

**Date Issued:** June 10, 2021

**Issued to:** Schneider Electric France  
DBA Automation  
8eme Rue - ZI Carros  
06516 Carros, Cedex  
France

**Attention:** Mr. Samuel Mareau

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:** E. Giusti  
E. Giusti

## PRODUCTS

**CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

**CLASS 2258 82** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - CERTIFIED TO U.S.

**Class I, Division 2, Groups A, B, C and D, Temperature Code T4.**

Programmable controllers, Line MODICON M340 and M580, Series BMX... and BME...:

Extension modules (racks), BMX XBP, followed by 0400, 0600, 0800 or 1200, may be followed by H.

Extension modules (racks), BME XBP, followed by 0400, 0602, 0800, 1002 or 1200, may be followed by H.

Power supplies, models BMX CPS, followed by 2000, 2010, 3020, 3020H, 3500, 3500H or 3540T

Power supplies, models BMX CPS, followed by, 4002, 4002H, 4002S, 3522, 3522H, 3522S, 4022, 4022H or 4022S

Processor modules, BMX P34, followed by 1000, 2000, 2010, 2020, 2030, 20102, 20302 or 20ITRB, may be followed by CL or may be followed by H

Processor modules, BME P58, followed by 1020, 2020, 2040, 3020, 3040, 4020, 4040, 5040 or 6040, may be followed by H or may be followed by C

Processor modules, BME H58, followed by 2040, 4040 or 6040, may be followed by C or may be followed by K

Processor modules, BME P58, followed by 2040S, 4040S or 6040S

Processor modules, BME H58, followed by 2040S, 4040S or 6040S

Co-Processor modules, BME P58 CPROS3

Processor module, BME D58, followed by 1020, may be followed by C



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Digital Input modules, BMX DDI, followed by 1602, 1603, 1604, 3202K, 3203, 3232 or 6402K, may be followed by H or may be followed by T

Digital Input modules, BMX SDI, followed by 1602

Digital Output modules, BMX DDO, followed by 1602, 1612, 3202K or 6402K, may be followed by H or may be followed by C

Digital Output modules, BMX SDO, followed by 0802.

Digital Input and Output modules, BMX DDM, followed by 16022, 16025 or 3202K, may be followed by H

Digital Input modules, BMX DAI, followed by 0805, 0814, 1602, 1603, 1604, 1614, 16142 or 1615, may be followed by H

Analogue Input modules, BMX AMI, followed by 0410, 0800 or 0810, may be followed by H

Analogue Input modules, BMX ART, followed by 0414 or 0814, may be followed by H

Analogue Input modules, BME AHI, followed by 0812, may be followed by H

Analogue Input modules, BMX SAI, followed by 0410

Analogue Output modules, BME AHO, followed by 0412, may be followed by C

Analogue Output modules, BMX AMO, followed by 0210, 0410 or 0802, may be followed by H

Analogue Input and Output modules, BMX AMM, followed by 0600, may be followed by H

Digital Output modules, BMX DAO, followed by 1605 or 1615, may be followed by H

Digital Output modules, BMX DRA, followed by 0804, 0805, 0815 or 1605, may be followed by H or may be followed by T

Digital Output modules, BMX DRC, followed by 0805, may be followed by H

Digital Output modules, BMX SRA, followed by 0405

Counting modules, BMX ETM, followed by 0200, may be followed by H

Communication module, BMX NOC, followed by 0401 or 0402, may be followed by C

Communication module, BME NOC, followed by 0301, 0311 or 0321, may be followed by C

Communication module, BME NOP, followed by 0300, may be followed by C

Communication module, BMX NOE, followed by 0100 or 0110, may be followed by H

Communication module, BMX NOM, followed by 0200, may be followed by H

Communication module, BMX NOR, followed by 0200, may be followed by H

Communication module, BME NOR, followed by 2200, may be followed by H

Communication module, BME NUA, followed by 0100, may be followed by H

Communication module, BME NOS, followed by 0300, may be followed by C

Communication module, BMX NGD, followed by 0100, may be followed by H

Communication module (Optic Fiber Repeater), BMX NRP, followed by 0200 or 0201, may be followed by C

Communication module (RIO Internet Drop Adapter), BMX CRA, followed by 31200 or 31210, may be followed by C

Communication module (RIO Internet Drop Adapter), BME CRA, followed by 31210, may be followed by C

Communication module (AS-Interface ASI), BMX EIA, followed by 0100

Expendable modules, BMX XBE, followed by 1000 or 2005, may be followed by H

Counting modules, BMX EHC, followed by 0200 or 0800, may be followed by H

Positioning modules, BMX MSP, followed by 0200

Remote I/O Adapter module, BMX PRA, followed by 0100, maybe followed by H

Synchronous serial interface module, BMX EAE, followed by 0300, may be followed by H

Time Stamping Input modules, BMX ERT, followed by 1604, may be followed by T or may be followed by H

Bundle or packs, BMX PAM or PDM, followed by five digit suffixes

Extension Memory card, BMX RMS, followed by one or three digit suffixes, followed by M or G, followed by P, PF or ITRB



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Extension Memory card, BMX RWS, may be followed by B, C or FC, followed by three digit suffixes, followed by M  
Extension Memory card, NCA followed by suffixes  
Communication cables, BMX XCA, followed by USBH, followed by three suffixes  
Shield bar kit, BMX XSP 010  
Plug in terminal kits, BMX XTS, may be followed by HSC or CPS, followed by two suffixes  
Plug In terminal block, BMX FTB, followed by suffixes  
Communication cables, BMX FC, followed by A, C or W, followed by a 3 or 4 digit number, may be followed by S  
Communication cables, BMX FT, followed by W, followed by a 3 or 4 digit number, may be followed by S  
Protective covers, BMX XEM, followed by a three suffixes  
Communication cables, BMX FTA, followed by a 3 digit number  
Communication cables, BMX XBC, followed by a three suffixes, may be followed by K  
Communication cables, TCS XCN, MCN and CCN, followed by a three suffixes  
Shield kit cables, BMX XSP, followed by four suffixes

Ambient temperature ranges:

- -25°C to +70°C for modules with suffixes H and T
- -25°C to +60°C or 0°C to +60°C for modules with suffix C
- -25°C to +60°C for modules with suffix S
- 0°C to +60°C for others.

Notes: Modules listed above:

1. Must be installed in a suitable enclosure as accepted by the local inspection authority having jurisdiction.
2. Are intended for an environment 60°C or 70°C maximum surrounding air temperature, pollution degree 2.
3. USB connectors, RJ45 connectors and SUB-D connectors, terminal 2-ways (alarm relay), terminal 5 way (power supply), field wiring terminal block BMXFTBxxx and memory flash cards shall not be disconnected while circuit is live unless area is known to be non-hazardous.
4. The reset button (pencil point reset) shall not be used in hazardous locations.



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**APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No. 0-10 (R2015)	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
CAN/CSA-IEC 61010-2-201:14	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-201: Particular requirements for control equipment
CAN/CSA C22.2 No. 213 - 2017	Non-incendive electrical equipment for use in class I, Division 2 hazardous locations
ANSI/ISA-12.12.01: 2015	Nonincendive Electrical Equipment for use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous Locations
FM 3600: 2011	Approval standard for electric equipment for use in hazardous (classified) locations General requirements
FM 3611: 2004	Approval for Nonincendive Electrical equipment for use in Class I and II, Division 1 and 2, Hazardous (classified) locations.
UL61010-1: 2012	Standard for Safety - Safety requirements for electrical equipment – Part 1: General Requirements.
UL61010-2-201: 2014	Standard for Safety - Safety requirements for electrical equipment - Part 2-201: Particular requirements for control equipment



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## **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.

1. Submitter's name and/or trademarks/tradenames and/or CSA file number "LR 58905" or Master Contract number "225844", catalogue number (model designation), complete electrical rating, serial number (date code) and the CSA Monogram with "C/US" monogram;
2. The hazardous location:  
Class I, Division 2, Groups A, B, C and D
3. The temperature code T4
4. The maximum ambient temperature +60°C or +70°C
5. "WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT WHILE CIRCUIT IS LIVE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS" and "AVERTISSEMENT: RISQUE D'EXPLOSION. NE PAS DÉBRANCHER TANT QUE LE CIRCUIT EST SOUS TENSION, À MOINS QU'IL NE S'AGISSE D'UN EMPLACEMENT NON DANGEREUX", or equivalent.
6. The installation instructions shall include the bilingual caution and warning for use in hazardous locations, the following statement, as per CSA-C22.2 No. 213 and ANSI/ISA 12.12.01:  
"THIS EQUIPMENT IS SUITABLE FOR USE IN CLASS I, DIVISION 2, GROUPS A, B, C AND D OR NON-HAZARDOUS LOCATIONS ONLY" and "CET ÉQUIPEMENT EST ACCEPTABLE POUR UTILISATION DANS LES ENDROITS DANGEREUX DE CLASSE I, DIVISION 2, GROUPE A, B, C ET D OU NON CLASSIFIÉS SEULEMENT", or equivalent;

*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".*

## **REQUIRED METHOD OF MARKING:**

Markings are engraved with laser or appear on a thermal transfer polyester label material type GFWP2 manufactured by Gravic (accepted in MH29516).