



Certificate of Compliance

Certificate: 70025871 (LR 211392)

Master Contract: 211392

Project: 80011354

Date Issued: 2019-10-31

Issued to: Motortech GmbH
Hogrevestrasse 21-23
Celle, 29223
GERMANY

Attention: Peter Hensel

The products listed below 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 US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by: Marin Banu
Marin Banu

PRODUCTS

PRODUCTS

CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-

CLASS - C225882 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations - Certified to US Standards

Class I, Div 2, Group C, D; T4:

- DetCon Knock Detection System-Control Unit Assembly Series, P/N 43.10.xxxN. Electrical ratings 9-36 VDC/2A max. Maximum ambient temperature -40°C to 70°C (-40°F to 158°F).

X – To indicate different Control Unit size

N – To indicate Customer brand labeled name

Notes:

1. This product is to be used in conjunction with CSA Certified Ignition Systems



Certificate: 2661551 (LR 85562)

Master Contract: 180267

Project: 7020823

Date Issued: 2019-10-15

2. The unit is certified to be installed on a Control Panel in accordance to the CEC and NEC wiring method.
 3. The final installation of the DetCon2 or DetCon20 on Control Panel shall meet the requirements for IP65/Type 4 Encl.
 4. The USB interface connectors are only to be used in areas known to be non-hazardous.
- Junction Box Series, P/N 06.05.XXXN.
Electrical ratings 600V max./20 A max. Maximum ambient temperature -30°C to 70°C (-22°F to 158°F).

X – To indicate different Control Unit size

N – To indicate Customer brand labeled name

Notes:

1. This product is to be used in conjunction with CSA Certified Ignition Systems
2. The unit is certified to be installed on a Control Panel in accordance to the CEC and NEC wiring method.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 0 -10	- General Requirements – Canadian Electrical Code – Part II
CSA Std C22.2 No. 142-M1987 (R 2004)	- Process Control Equipment
CSA Std C22.2 No. 213-M1987 (R 2004)	- Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
ANSI/ISA 12.12.01, Ed. 1 (2007)	- Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Division 1 and 2 Hazardous (Classified) Locations
UL Std No. 916, Ed 3 (1998)	- Energy Management Equipment

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.

Every product is marked with the following information:

- CSA monogram with c us indicator



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- Manufacturer name and/or CSA master contract number
- Model name or number ("A030201" for DetCon Knock Detection System)
- Serial Number, Date Code or Month and Year of Manufacture
- Electrical Rating
- Hazardous locations designation: Class I, Div. 2, Group C and D
- Temperature Code
- Additional information

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

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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
80011354	2019-10-31	Update to existing Report 1401608 to include the new hardware version in the existing report.
70025871	2015-11-04	Update to existing Report 1401608 to implement a new enclosure type for the DetCon20 Controller Box
2341446	2010-12-24	Update to existing Report 1401608 to include CSA/US certification and update the documentation for the Det Con Knock Detection System-Control Unit Assembly.
1401608	July 15, 2003	CSA certification of DetCon Knock Detection System-Control Unit Assembly Series, P/N 43.10.xxxN for Class I, Div. 2.Original Certification.