



Certificate of Compliance

Certificate: 70178545

Master Contract: 150241

Project: 70178545

Date Issued: 2018-05-30

Issued to: EGS Electrical Group Canada Ltd.
99 Union St
Elmira, Ontario N3B 3L7
CANADA
Attention: Randall Kennedy

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: *Behzad Nejad*
Behzad Nejad, P. Eng.

PRODUCTS

CLASS - C462801 - PANELBOARDS-For Hazardous Locations

CLASS - C462881 - PANELBOARDS-For Hazardous Locations - Certified to US Standards

Ex d e op pr IIB+H2 T3/T5 Gb; IP66

Class I, Zone 1, AEx d e op pr IIB+H2 T3/T5 Gb; IP66

Class I, Division 2, Groups B, C and D, T3/T5; Class II, Division 1, Groups F and G; Class III; Type 4X

Ta: -20°C to 40°C

- Stainless Steel Circuit Breaker Panelboard with Fiber Patch Panel, RCS Series, rated 240V max, 60 Hz, 225 A max, 14 (max) RQA Branch Circuit Breakers assembled with circuit breakers of 60A max, 120Vac, 1 pole and/or 40A max, 240Vac, 2 or 3 pole and /or RQA Branch GFCI and GFEP breakers, rated 120 Vac, 1 pole, 15 to 40 A max; with pre-wiring load wires.

Note:

- a) Suffixes A, B, C, D and E and numbers may be added to the Cat. No. designation to denote size of the enclosure, no. of panels, system voltage and main type and no. of breakers, breaker amps, no. of breaker pole and options respectively.
- b) T5 rating without heater, T3 rating with heater.



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Conditions of Acceptability:

1. The end user is to ensure appropriate grounding upon installation.
2. T3 Heater shall not be used for Class II applications.
3. Power input and output wirings and fibre optic cables shall be accordance with Zone 1 and Division 2 wiring method per the Canadian Electrical Code (CEC) for installation in Canada and per the National Electrical Code (NFPA 70) for installation within U.S.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 0 - 10	General Requirements - Canadian Electrical Code Part II.
CAN/CSA C22.2 No. 29-M1989	Panelboards and Enclosed Panelboards
CAN/CSA C22.2 No. 25-1966	Enclosures for Use in Class II Groups E, F and G Hazardous Locations
C22.2 No 213 - 16	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations.
CAN/CSA C22.2 No. 60079-0:07	Explosive Atmospheres - Part 0: Equipment - General requirements
CAN/CSA E60079-7-03	Electrical apparatus for explosive gas atmospheres - Part 7: Construction, test and marking of type of protection “e” electrical apparatus
CAN/CSA C22.2 No. 60079-1:07	Electrical apparatus for explosive gas atmospheres - Part 15: Construction, test and marking of type of protection “n” electrical apparatus
CAN/CSA-C22.2 No. 60079-28:16 2 nd Ed.	Explosive atmospheres — Part 28: Protection of equipment and transmission systems using optical radiation
CAN/CSA C22.2 No. 94.2-07	Enclosures for Electrical Equipment- Environmental Considerations.
UL 67	Electric Panelboard
UL 1203, 4 th Ed.	Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) 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 (Classified) Locations.
ANSI/UL 60079-0, 5 th Ed.	Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
ANSI/UL60079-1, 5 th Ed.	Electrical apparatus for explosive gas atmospheres - Part 7: Construction, test and marking of type of protection “e” electrical apparatus
ANSI/UL60079-7, 4 th Ed.	Electrical apparatus for Explosive Gas Atmospheres - Part 15: Type of Protection “n”
UL 60079-28 – 17, 2 nd Ed.	Explosive atmospheres — Part 28: Protection of equipment and transmission systems using optical radiation
UL 50E- 1 st Ed.	Enclosures for Electrical Equipment- Environmental Considerations



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MARKINGS

- Submitter's name;
- Catalogue designation;
- Serial number/date code;
- Electrical rating;
- Hazardous Location Designations;
- Temperature code;
- Ingress Protection Code
- CSA monogram with the c us designator, followed with master contract number;

- WARNINGS - LIVE PARTS BEHIND COVER – ONLY AUTHORIZED PERSONNEL TO OPEN”

- WARNINGS - DO OPEN EQUIPMENT UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS.



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
70178545	2018-05-30	Full CSA-c-us assessment of the Stainless Steel Circuit Breaker Panelboard with Fiber Patch Panel, RCS Series 24 which was already assessed under CSA report 1788693 with optical fiber PATCH PANEL MODEL: BMIPJGW2T1N for the marking below: Ex d e op pr IIB+ H2 T3/T5 Gb Class I, Zone 1, AEx d e op pr IIB+ H2 T3/T5 Gb Class I, Division 2, Groups B, C and D