



# Certificate of Compliance

Certificate: 70144417

Master Contract: 238631

Project: 70144417

Date Issued: 2017-10-31

Issued to: **OleumTech Corp**  
**19762 Pauling**  
**Foothill Ranch, California 92610**  
**USA**

Attention: Patrick Clark

*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: *Md Iftekhar Enam*  
Md Iftekhar Enam

## PRODUCTS

CLASS - C225206 - PROCESS CONTROL EQUIPMENT

CLASS - C225286 - PROCESS CONTROL EQUIPMENT-Certified to US Standards

Wireless I/O System, Radio Kit with onboard I/O, Model, refer table below

Rated: 9-30Vdc, Max Power rating (Refer to table on page 2)

Model name	Radio Frequency	Radio Max Output power	Module A - PCBA P/N	(Module B – PCBA P/N	(Module A) I/O	(Module B) I/O
BR-0868-RM4	868 MHz	25 Mw	04-0317-005	04-0318-005	2 AIN + 2PIO	2 AIO +2PIO
BR-0900-RM4	900 MHz	1 W	04-0317-001	04-0318-001	2 AIN + 2PIO	2 AIO + 2PIO
BR-0915-RM4	915 MHz	1 W	04-0317-003	04-0318-003	2 AIN + 2PIO	2 AIO + 2PIO
BR-2400-RM4	2.4 GHz	63 mW	04-0318-002	04-0318-002	2 AIN + 2PIO	2 AIO + 2PIO
BR-2410-RM4	2.4 GHz (LP)	10 mW	04-0318-004	04-0318-004	2 AIN + 2PIO	2 AIO + 2PIO



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Model #		Max. Power Rating
BR-0900-RM4_A	BR-0900-RM4_B	3.5 W
BR-2400-RM4_A	BR-2400-RM4_B	1 W
BR-0915-RM4_A	BR-0915-RM4_B	3.5 W
BR-2410-RM4_A	BR-2410-RM4_B	0.6 W
BR-0868-RM4_A	BR-0868-RM4_B	0.6 W

Notes:

1. The above model is permanently connected, Equipment Class II, Pollution Degree 2.
2. Mode of operation: Continuous
3. Environmental Conditions: -40 to 80 °C, 0 to 99% rH, Non-condensing,

**APPLICABLE REQUIREMENTS**

CSA Standards:

- 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. 61010-1-12 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

UL Standards:

- UL 61010-2-201: 2014 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 2-201: Particular requirements for control equipment
- UL Std. No. 61010-1 (3<sup>rd</sup> Edition) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

**CONDITIONS OF ACCEPTABILITY**

- (1) Equipment is only to be installed by manufacturer trained personnel.
- (2) If at any time there is a conflict between the system safety provisions and any relevant local (national or regional) requirements, the local requirements always take precedence
- (3) This product is NOT intended for use in hazardous locations.
- (4) Equipment has only been tested for electrical safety. No evaluation of functional safety and performance characteristics has been conducted.



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- (5) This is OPEN type equipment that must be installed within a suitable end-use enclosure that requires a tool to access. The suitability of the enclosure is subject to investigation by the local Authority Having Jurisdiction at the time of installation.
- (6) Wiring to or from this equipment, which enters or leaves the system enclosure, must utilize wiring methods suitable for Class II, as appropriate for the installation.

### **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.

The following markings appear on the product:

1. Submitter's identification (company name and/or file number and/or registered tradename);
2. Model designation;
3. Electrical rating;
4. Date of manufacture: Month and year of manufacture or date code. If a serial number is used instead of date of manufacture, a record of serial numbers shall be kept traceable to date of manufacture. (Not related to date of sale).

The products listed 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:  , or  ,  
or  .



## *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**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70144417	2017-10-31	cCSAus Certification of Wireless I/O System, Radio Kit with onboard I/O. Model name BM-0900-RM4 module A and B.