Certificate of Compliance

Certificate:	80254482	**Master Contract:**	271907
Project:	80254482	**Date Issued:**	2025-09-15
Issued to:	**Jiangsu ACREL Electric MFG. Co., Ltd.** **No.5 DongMeng Road,** **NanZha Street,** **Wuxi, Jiangsu 214405** **China** **Attention:** Zhonghua Han 韩中华	**Issued by:**	*Selina Xie* Selina Xie

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.

C US

PRODUCTS

Class 3631 06 ELECTRICAL MEASUREMENT AND TEST EQUIPMENT - Electrical Measurement and Test Equipment
Class 3631 86 ELECTRICAL MEASUREMENT AND TEST EQUIPMENT - Certified to US Standards

Power Meter

Model(s)	Input Voltage (V)	Input Power (W)	Installation Category	Measurement Ratings	Measurement Category

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APM521-1-2 (-1 can be empty or KC, KM, E, KCE or KME; -2 can be empty or R)	85-300V DC or 85-300V AC, 50/ 60 Hz	4	CAT III	L-N 66/230/277 V AC, Hz, L-L 115/400/480 V AC, 50/60 Hz, three Phase (CAT III) or L-N 400 VAC, L-L 690 VAC, 50/60 Hz, three Phase (CAT II)	III or II

1. Model difference for models APM521-1-2 (-1 can be empty or KC, KM, E, KCE or KME; -2 can be empty or R).All models are identical except communication functions. KC: 4DI2DO2C, KM: 4DI2DO2M, 3 E: CE+Log, 4 KCE: 4DI2DO2C+CE+Log, 5 KME: 4DI2DO2M+CE+Log
2. Function definition for K, DI, DO, C, M, CE, Log, R:
   K: Digital Input/Output, DI: Digital Input, DO: Digital Output, C: RS485 Communication, M: Analog Output, CE: Ethernet Communication, Log: Timed Recording, R: Rail Mounting.
3. The above model is permanently connected, Equipment Class II, Pollution Degree 2, Installation Category III.
4. Mode of operation: Continuous
5. Environmental Conditions: Operating temperature -40 to 70°C, Operating altitude up to 2000m max, Operating humidity 95%RH non-condensation.
6. The main supply cord sets are not provided with the equipment.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 61010-1-12,UPD1:2015, UPD2:2016, AMD1:2018, UPD3:2023 - Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements

UL 61010-1 3rd ed (Rev. Jun 6, 2023) - UL Standard for Safety Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements

CSA C22.2 No. 61010-2-030:18 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 2-030: Particular requirements for equipment having testing or measuring circuits - Second Edition

UL 61010-2-030, 2nd Edition, Rev Dec 21, 2018 - UL Standard for Safety - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use – Part 2-030: Particular Requirements for Equipment Having Testing or Measuring Circuits - Second Edition; Dated December 21, 2018

Conditions Of Acceptability

1. Equipment has only been tested for electrical safety. No evaluation of functional safety and performance characteristics has been conducted.
2. Equipment is only to be serviced by manufacturer trained personnel.
3. 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.

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Notes:

Products certified under Class(es) C363106, C363186 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

SCC Accredited CB-P/S OCPS Accrédité CCN TM

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Supplement to Certificate of Compliance

Certificate: 80254482 **Master Contract:** 271907

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
80254482	2025-09-15	New certificate for power meters, serial model APM521-1-2 (-1 can be empty or KC, KM, E, KCE or KME; -2 can be empty or R). Detailed definition please refer to test report.

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