



# Certificate of Compliance

**Certificate:** 70077202

**Master Contract:** 204015

**Project:** 80000046

**Date Issued:** 2019-08-12

**Issued To:** ABB Automation GmbH  
Stierstaedter Strasse 5  
Frankfurt am Main, ., 60488  
Germany

**Attention:** Eginhard Mueller

*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:** Balakrishna Cp  
Balakrishna Cp

## **PRODUCTS**

CLASS – 8721 06 - ELECTRICAL LABORATORY EQUIPMENT

CLASS – 8721 86 - ELECTRICAL LABORATORY EQUIPMENT Certified to US Standards

**Power distribution and calibration module, Model SCC-U, \*Type 23940-1x000x0xx000; all models are cord connected, rated AC 115/230 V, 50/60 Hz, 15 A, Pollution Degree 2, Installation Category II, Protection class I**

\*Note: x indicates 0 or 1 or 2 or 3 according to the table below



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<b>Configuration matrix</b>																									
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<b>Design</b>																									
19 inch housing for rack mounting	1																								
<b>Basic version</b>																									
Power supply (100-240 VAC)	1																								
<b>Calibration</b>																									
without	0																								
Calibration with calibration cells and ambient air	1																								
Calibration with test gases (at sample gas cooler)	2																								
Calibration with test gases (at sample gas probe)	3																								
<b>Temperature controllers</b>																									
without	0																								
With 2xtemperature controllers (for heated filter unit and sample gas line)	1																								
	Catalog No. 23940-0- <table border="1" style="display: inline-table;"><tr><td>1</td><td></td><td>0</td><td>0</td><td>0</td><td></td><td>0</td><td></td><td></td><td>0</td><td>0</td><td>0</td></tr></table>	1		0	0	0		0			0	0	0												
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**APPLICABLE REQUIREMENTS**

- CAN/CSA-C22.2 No. 61010-1-12 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
- UL 61010-1 (Third Edition) Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements

**Conditions of Acceptability:**

1. Equipment has only to be installed by trained personal in accordance to the installation, set-up, operation and maintenance of comparable devices and certified as being capable of such work.
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. Any investigation on the effect of gas measurements and performances of the units has to be evaluated at initial start-up as well as safety handling of the liquids / gases used within the unit.
4. If the equipment is used in potentially explosive atmospheres, evaluation of EX-protection has to be conducted additionally.
5. End use heating devices connected to the SCC-U are not part of this certification. Evaluation has to be performed in final application
6. Performance characteristics are not part of this certification.
7. The SCC-U In-/Output of X32 has only to be connect to external ABB devices, according to the evaluated user manual.



## *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>
80000046	2019-08-12	Update of cCSAus Certification 70077202 of power distribution and calibration module SCC-U Series to include changes in LOCC according to Standard 61010-1 Third Edition.
70077202	2017-08-25	Initial cCSAus Certification of Power distribution module for Gas Analyzer SCC-U Series.