



# Certificate of Compliance

**Certificate:** 70011832

**Master Contract:** 204015

**Project:** 70011832

**Date Issued:** September 8, 2015

**Issued to:** ABB Automation GmbH  
Stierstädter Str. 5  
D-60488 Frankfurt-Praunheim  
GERMANY  
**Attention:** Mr. 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: Sebastian Schneider  
*Sebastian Schneider*

## PRODUCTS

CLASS 8721 06 - LABORATORY ELECTRICAL EQUIPMENT

CLASS 8721 86 - ELECTRICAL EQUIPMENT FOR LABORATORY USE (Certified to U.S. Standards)

**Gas analyzer modules / process photometer**, models Limas11 IR, Limas11 UV, Limas11 HW, Limas21 UV, Limas21 HW, rated DC 24 V; max. 100 W; 2...500 hPa; 20 - 100 l/h (20 - 90 l/h for HW versions), pollution degree 2, installation category II.

## 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 Std. No. 61010-1 (3 <sup>rd</sup> Edition) | - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements |



**Certificate:** 70011832

**Master Contract:** 204015

**Project:** 70011832

**Date Issued:** September 8, 2015

---

**CONDITIONS OF ACCEPTABILITY**

- (1) Equipment is only to be installed by trained persons familiar with the installation, set-up, operation and maintenance of comparable devices and certified as being capable of such work.
- (2) A suitable fire and mechanical enclosure must be provided for the modules. Precautions are provided in the installation manual.
- (3) Supply voltage DC 24 V suitable for double / reinforced insulation from mains supply circuits.
- (4) Any investigation on the effect of gases measurements and performances of the unit has to be evaluated at initial startup as well as safety handling of the liquids / gases used within the unit.
- (5) 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.



## *Supplement to Certificate of Compliance*

**Certificate:** 70011832

**Master Contract:** 204015

*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

---

<b>Project</b>	<b>Date</b>	<b>Description</b>
70011832	September 8, 2015	Original cCSAus Certification of Gas analyzer modules / process photometer, models Limas11 IR, Limas11 UV, Limas11 HW, Limas21 UV, Limas21 HW