



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx LC 13.0001X Issue No: 1 Certificate history:
Status: **Current** Page 1 of 5 [Issue No. 1 \(2014-09-05\)](#)
Date of Issue: **2014-09-05** [Issue No. 0 \(2013-10-17\)](#)

Applicant: **Elpro Technologies P/L**
9/12 Billabong Street
Stafford
Brisbane
QLD 4053
Australia

Equipment: **Serial I/O Modules: 115S Series**
Optional accessory:

Type of Protection: **Ex nA IIC T5 Gc**

Marking:
IECEX LC 13.0001X
Ex nA IIC T5 Gc
-40°C ≤ Ta ≤ +60°C
model 115S-13-24: 10.8-30Vdc, 900mA
model 115S-12-24: 10.8-30Vdc, 900mA
model 115S-11-24: 10.8-30Vdc, 300mA

*Approved for issue on behalf of the IECEx
Certification Body:*

Kavinder Dhillon, Eng.L.

Position:

Certification Manager

*Signature:
(for printed version)*

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:



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LabTest Certification Inc.
3133-20800 Westminster Hwy.
Richmond, British Columbia
V6V 2W3
Canada





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Manufacturer: **Elpro Technologies P/L**
9/12 Billabong Street
Stafford
Brisbane
QLD 4053
Australia

Additional Manufacturing location(s):

GES Manufacturing Services (M) Sdn Bhd
PLO 34, Fasa 2, Kawasan Perindustrian Senai
81400 Senai
Johor
Malaysia

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-15 : 2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:4

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[CA/LC/ExTR13.0001/01](#) [CA/LC/ExTR13.0001/00](#)

Quality Assessment Report:

[AU/TSA/QAR11.0003/00](#) [GB/ITS/QAR11.0012/00](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The 115S-13-24 is a serial expansion unit with 8 analogue outputs. It does not have any radio built in. It has RS-232 and RS485 serial interfaces. Ex nA IIC T5 Gc ; 10.8-30Vdc, 900mA

The 115S-12-24 is a serial expansion unit with 8 digital I/O and 8 analogue inputs. It does not have any radio built in. It has RS-232 and RS485 serial interfaces. Ex nA IIC T5 Gc ; 10.8-30Vdc, 900mA

The 115S-11-24 is a serial expansion unit with 16 digital I/O. It does not have any radio built in. It has RS-232 and RS485 serial interfaces. Ex nA IIC T5 Gc ; 10.8-30Vdc, 300mA

SPECIFIC CONDITIONS OF USE: YES as shown below:

The ELPRO Serial Modules Model Nos.: 115S-13-24, 115S-12-24 and 115S-11-24 shall be installed into a metallic enclosure which shall provide an ingree protection of at least IP54 and satisfy impact tests as per clause 26.4.2 of IEC 60079-0:2011



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Added EATON as a trademark with its logo on page 2 of IECEx Test Report Cover
Added Elpro trademark logo on page 2 of IECEx Test Report Cover
ExTR Free Reference Number updated from LabTest-10192 to LabTest-12061
Used the last version of IECEx Test Report Cover: ExTR Cover_5 (released 2014-01)
Used the last version of IECEx Test Report IEC 60079-0: ExTR60079-0 (released 2011-08)
Added EATON and Elpro trademark logos on page 1 of IECEx Test Report IEC 60079-0
Used the last version of IECEx Test Report IEC 60079-15: ExTR60079-15 (released 2011-07)
Added EATON and Elpro trademark logos on page 1 of IECEx Test Report IEC 60079-15