



# 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](http://www.iecex.com)

Certificate No.: IECEx SIR 15.0141

Issue No: 2

Certificate history:

Status: **Current**

Issue No. 2 (2019-01-14)

Issue No. 1 (2016-05-13)

Date of Issue: **2019-01-14**

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Issue No. 0 (2016-01-27)

Applicant: **Eaton Electric Ltd**  
Great Marlings,  
Butterfield,  
Luton,  
Bedfordshire,  
LU2 8DL,  
United Kingdom

Equipment: **Barracuda 19" WS Gen 2**

Optional accessory:

Type of Protection: **Type nA**

Marking:

Ex nA IIC T3 Gc

Ta = -40°C to +60°C

Approved for issue on behalf of the IECEx  
Certification Body:

R A Craig

Position:

Certification Support Officer

Signature:  
(for printed version)

Date:

2019-01-14

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](http://www.iecex.com).

Certificate issued by:

**SIRA Certification Service**  
CSA Group  
Unit 6, Hawarden Industrial Park  
Hawarden, Deeside, CH5 3US  
United Kingdom





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Manufacturer: **Eaton Electric Ltd**  
Great Marlings,  
Butterfield,  
Luton,  
Bedfordshire,  
LU2 8DL,  
**United Kingdom**

Additional Manufacturing location(s):

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 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:

[GB/SIR/ExTR16.0017/00](#)

[GB/SIR/ExTR16.0121/00](#)

[GB/SIR/ExTR19.0008/00](#)

Quality Assessment Report:

[GB/BAS/QAR07.0017/07](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The Barracuda 19" Gen 2 workstation is a stand-alone Human Machine Interface (HMI) designed for use in industrial conditions. It can be utilized in rig floor applications such as MWD / LWD, mudlogging, or well stimulation in oil and gas operations where a display or workstation must be able to withstand shock and vibration. The Barracuda 19" Gen 2 is a computer with a built-in touch screen display housed in an aluminium environmental enclosure rated to IP66. The front panel includes additional controls for power, brightness, and touch screen operation. Power and I/O communications are provided through military-style connectors. There is an option to run the unit on either AC or DC power. There is also an option for an extended operational range with the inclusion of on-board heaters.

**SPECIFIC CONDITIONS OF USE: NO**



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## EQUIPMENT (continued):

### Conditions of manufacture

The Manufacturer shall comply with the following:

1.

#### AC INPUT:

The equipment at the conclusion of manufacture, before shipment, shall withstand without breakdown, the application of 1500Vac between mains TERMINALS and ACCESSIBLE conductive parts and maintained for 60 seconds.

2.

#### DC INPUT:

The equipment at the conclusion of manufacture, before shipment, shall withstand without breakdown, the application of 500Vac or DC equivalent (707V) between mains TERMINALS and ACCESSIBLE conductive parts and maintained for 60 seconds.



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

**This issue, Issue 2, recognises the following change; refer to the certificate annex to view a comprehensive history:**

1. Permit a change in the legal entity, and a modified manufacturing name and address from Azonix Corporation, Building #4, North Billerica, MA 01862, USA to Eaton Electric Ltd, Great Marlings, Butterfield, Luton, Bedfordshire, LU2 8DL, UK.

### Annex:

[IECEx SIR 15.0141 Annexe Issue 2.pdf](#)

**Annexe to:** IECEx SIR 15.0141 Issue 2  
**Applicant:** Eaton Electric Ltd  
**Apparatus:** Barracuda 19" WS Gen 2

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## Full certificate change history

**Issue 1** – this Issue introduced the following change:

1. The original external USB, a KENSINGTON BLUETOOTH 2.1 USB MICRO ADAPTER Model K33902US, is being replaced with a KENSINGTON BLUETOOTH 4.0 USB MICRO ADAPTER Model K33956AM made by the same manufacturer.

**Issue 2** – this Issue introduced the following change:

1. Permit a change in the legal entity, and a modified manufacturing name and address from Azonix Corporation, Building #4, North Billerica, MA 01862, USA to Eaton Electric Ltd, Great Marlings, Butterfield, Luton, Bedfordshire, LU2 8DL, UK.

## Sira Certification Service

Unit 6 Hawarden Industrial Park,  
Hawarden, CH5 3US, United Kingdom

Tel: +44 (0) 1244 670900  
Fax: +44 (0) 1244 681330  
Email: [ukinfo@csagroup.org](mailto:ukinfo@csagroup.org)  
Web: [www.csagroupuk.org](http://www.csagroupuk.org)