



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.: **IECEX SIR 16.0063** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 2 [Issue 1 \(2020-11-02\)](#)
[Issue 0 \(2016-11-04\)](#)
Date of Issue: 2022-02-07
Applicant: **Eaton Electric Ltd**
Great Marlings
Butterfield, Luton LU2 8DL
United Kingdom
Equipment: **MTL Gecma TC Workstation**
Optional accessory:
Type of Protection: **Increased Safety, Encapsulation, Intrinsically Safe Optical Isolation and Dust Protection by Enclosure**
Marking: Certification code for models with barcode scanner, keyboard, or touchpad options: Ex eb mb[ib] ib op is IIC T4 Gb
Additional marking for models without iSCAN barcode scanner: Ex tb III C T80°C Db
Ambient range without iSCAN barcode scanner: Ta = -30°C to +60°C
Dust marking for models with iSCAN barcode scanner: Ex tb III C T135°C Db
Ambient range with iSCAN barcode scanner: Ta = -20°C to +40°C

Approved for issue on behalf of the IECEx
Certification Body:

N Jones

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 www.iecex.com or use of this QR Code.



Certificate issued by:

CSA Group Testing UK Ltd
Unit 6, Hawarden Industrial Park
Hawarden, Deeside CH5 3US
United Kingdom





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

Additional manufacturing locations: **S.C. Cooper Industries Romania**
S.R.L
Zona Industriala Vest, Str. III, Nr. 12
310510 Arad
Romania

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 equipment 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 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

[IEC 60079-18:2009](#) Explosive atmospheres Part 18: Equipment protection by encapsulation "m"
Edition:3

[IEC 60079-28:2015](#) Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
Edition:2

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

[IEC 60079-7:2015](#) Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition:5.0

This Certificate **does not** indicate compliance with 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 Reports:

[GB/SIR/ExTR16.0285/00](#)

[GB/SIR/ExTR20.0190/00](#)

[GB/SIR/ExTR22.0001/00](#)

Quality Assessment Reports:

[DE/BVS/QAR11.0006/11](#)

[GB/BAS/QAR07.0017/09](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The MTL Gecma TC Workstations are a range of remote terminals for use in hazardous areas. They comprise the following modules contained within a stainless steel enclosure, or in the case of systems that include the optional keyboard and/or additional peripherals, two separate, but interconnected, stainless steel enclosures:

- Power supply mode
- COM module
- Display module
- Gecma Workstation Keyboard (optional)

Those enclosures that have an ingress protection rating of IP6X are permitted for use as Group II (EPL Gb) and Group III (EPL Db) equipment. An alternative enclosure specified with a front opening configuration is permitted for use only as Group II (EPL Gb) equipment. Refer to the Annexe for additional information

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1 – this Issue introduced the following change:

1. The manufacturing location, Azonix Corporation, 101 Billerica Ave, Bldg 4, North Billerica, Massachusetts 01862, United States of America, was removed.

Issue 2 – this Issue introduced the following changes:

1. The following manufacturing location was recognised: S.C. Cooper Industries Romania S.R.L, Zona Industrială Vest, Str. III Nr. 12, 310510 Arad, Romania.
2. Administrative changes to certification label drawing.
3. The following Additional manufacturing location was removed from the certificate: Gecma Components GmbH, Heinrich-Hertz-Strasse 12, 50170, Kerpen, Germany.

Annex:

[IECEX SIR 16.0063 Annex Issue 2.pdf](#)

Annexe to: IECEX SIR 16.0063 Issue 2
Applicant: Eaton Electric Ltd
Apparatus: MTL Gecma TC Workstation



Suitably-certified peripherals with compatible entity parameters may be connected to the COM Module, including but not limited to:

- Touchpad
- The following models of Extronics barcode power supply and scanner:
 - iSCANPSx power supply (IBExU15ATEX1082)
 - iSCAN101 scanner (WIRED USB or RS232, IBExU15ATEX1083)
 - iSCAN211 scanner (BLUETOOTH, IBExU15ATEX1084).

The maximum permitted combined load drawn by peripheral devices is 24W.

Depending on the power supply module fitted, the input parameters are:

- a.c. version: 100-230 Vac, 50/60 Hz, 1.2 A; *or*
- d.c. version: 18-36 Vdc, 5.5 A, 100 W.

Conditions of manufacture

The equipment is approved for use with the following previously certified modules:

- Gecma Power Supply Module, IECEX SIR 14.0030X
- Gecma TC COM Module, IECEX SIR 16.0062X
- Gecma Display Module xx (where 'xx' is the display size), IECEX SIR 14.0032X
- Gecma keyboard, IECEX BVS 05 0012(optional) with or without one of the following devices:
 - Touchpad, IECEX TUN 04 0020 issue 1, TUV 04 ATEX 2458, 3 February 2006
 - iSCANPSx power supply (optional, IEC Ex IBE 15.0022)
 - iSCAN101 scanner (optional, IEC Ex IBE 15.0023)
 - iSCAN211 scanner (optional, IECEX IBE 15.0024)

It is therefore the responsibility of the manufacturer to continually monitor the status of the certification associated with these modules, and the manufacturer shall inform Sira of any modifications of the device that may impinge upon the explosion safety design of the product.