1   EU-TYPE EXAMINATION CERTIFICATE

2   Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3   Certificate Number: **Sira 16ATEX5181**   Issue: **2**

4   Equipment: **MTL Gecma TC Workstation**

5   Applicant: **Eaton Electric Ltd.**

6   Address: **Great Marlings, Butterfield, Luton LU2 8DL UK**

7   This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8   CSA Group Netherlands B.V., notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9   Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2012/A11:2013	EN 60079-7:2015	EN 60079-11:2012
EN 60079-18:2009	EN 60079-28:2015	EN 60079-31:2014

10   If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use identified in the schedule to this certificate.

11   This EU-Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12   The marking of the equipment shall include the following:

Certification code for models with barcode scanner, keyboard, or touchpad options:	⟨Ex⟩ II 2(2)G or II 2D
	Ex eb mb[ib] ib op is IIC T4 Gb
Additional marking for models without iSCAN barcode scanner:	Ex tb IIIC 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 IIIC T135°C Db
Ambient range with iSCAN barcode scanner:	Ta = -20°C to +40°C

Project Number   80110232

Signed: J A May

Title: Director of Operations

CSA Group Netherlands B.V.
Utrechtseweg 310, Building B42,
6812AR, Netherlands

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EU-TYPE EXAMINATION CERTIFICATE

Sira 16ATEX5181
Issue 2

13   **DESCRIPTION OF EQUIPMENT**

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 module;
- 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.

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:
    o   iSCANPSx power supply (IBExU15ATEX1082)
    o   iSCAN101 scanner (WIRED USB or RS232, IBExU15ATEX1083)
    o   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.

Variation 1 - This variation introduced the following changes:

i.   The following manufacturing location was recognised: S.C. Cooper Industries Romania S.R.L, Zona Industriala Vest, Str. III Nr. 12, 310510 Arad, Romania.
ii.   Administrative changes to certification label drawing.

14   **DESCRIPTIVE DOCUMENTS**

14.1   **Drawings**

Refer to Certificate Annexe.

14.2   **Associated CSA Reports and Certificate History**

Issue	Date	Report number	Comment
0	04 November 2016	R70049918B	The release of the prime certificate.

CSA Group Netherlands B.V.
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6812AR, Netherlands

SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE

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Sira 16ATEX5181
Issue 2

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Issue	Date	Report number	Comment
1	31 October 2019	1130	Transfer of certificate Sira 16ATEX5181 from Sira Certification Service to CSA Group Netherlands B.V..
2	07 February 2022	R80110233A	The introduction of Variation 1.

15   **SPECIFIC CONDITIONS OF USE** (denoted by X after the certificate number)

None

16   **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II** (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

17   **CONDITIONS OF MANUFACTURE**

17.1   The use of this certificate is subject to the Regulations Applicable to Holders of CSA Certificates.

17.2   Holders of EU-Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU.

17.3   The equipment is approved for use with the following previously certified modules:
- Gecma Power Supply Module, Sira 14ATEX5061X
- Gecma TC COM Module, Sira 16ATEX5180X
- Gecma Display Module xx (where 'xx' is the display size), Sira 14ATEX5063X
- Gecma keyboard, BVS 05ATEX E174X (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, IBExU15ATEX1082 & IEC Ex IBE 15.0022)
    - iSCAN101 scanner (optional, IBExU15ATEX1083)
    - iSCAN211 scanner (optional, IBExU15ATEX1084)

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 CSA of any modifications of the device that may impinge upon the explosion safety design of the product.

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Certificate Annexe

Certificate Number: Sira 16ATEX5181

Equipment: MTL Gecma TC Workstation

Applicant: Eaton Electric Ltd.

Issue 0

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
CI6821-630	1 to 8	2	14 Oct 16	Gecma TC Workstation - general assembly
CI6821-631	1 to 2	1	27 Oct 16	Gecma TC Workstation – marking
CI6821-626	1 to 2	1	14 Oct 16	Gecma TC Workstation – module interconnection drawing
CI6815-627	1 to 3	1	10 Oct 16	Keyboard enclosure for dust certification
CI6815-630	1 to 2	1	10 Oct 16	Keyboard assembly
CI6815-632	1 to 2	1	10 Oct 16	Touchpad assembly for dust certification

Issue 1 – No new drawings were introduced.

Issue 2

Drawing	Sheets	Rev.	Date (Stamp)	Title
CI6821-631	1 to 2	2	27 Jan 22	Marking Control, GECMA TC Workstation