



EU-TYPE EXAMINATION CERTIFICATE

Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014

EU-Type Examination Certificate Number: **Sira 16ATEX5181** Issue: **3**

Equipment: **MTL Gecma TC Workstation**

Manufacturer: **Eaton Electric Ltd.**

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

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

CSA Group Netherlands B.V., Notified Body No. 2813 in accordance with Article 17 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products 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 item 16.2.

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

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

Where additional criteria beyond those given here have been used, they are listed in item 18 in the Schedule.

If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed in item 17 of this certificate.

This EU-Type Examination Certificate relates only to the technical design of the specified product in accordance with the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product, these are not covered by this certificate.

The marking of the product shall include the following (additional marking is provided in the Schedule as a part of item 15, if applicable):

Certification code for models with barcode scanner, keyboard, or touchpad options:



II 2(2)G or II 2D

Ex eb mb[ib] ib op is IIC T4 Gb
(without barcode scanner)

Ex eb mb [ib] ib op is IIB T4 Gb
(with barcode scanner)

Ex tb IIIC T80°C Db

Ta = -30°C to +60°C

Ex tb IIIC T135°C Db

Ta = -20°C to +40°C

Additional marking for models without barcode scanner:

Ambient range without barcode scanner:

Dust marking for models with barcode scanner:

Ambient range with barcode scanner:

Signed: M Halliwell
Title: Senior Director of Operations
Date: 31 July 2025



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SCHEDULE

14 EU-Type Examination Certificate Number: Sira 16ATEX5181 Issue: 3

15 Description:

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:
 - iSCANPSx power supply (IBExU15ATEX1082)
 - iSCAN101 scanner (WIRED USB or RS232, IBExU15ATEX1083)
 - iSCAN211 scanner (BLUETOOTH, IBExU15ATEX1084).
- (Alternatively) The following models of Sigmam Delta barcode power supply and scanner:
 - SD.211.X011.XX or SD.211.X111.XX power supply (IBExU09ATEX1051)
 - SD164ex scanner (WIRED USB or RS232, IBExU12ATEX1120)
 - SD164BTex scanner (BLUETOOTH, IBExU12ATEX1162).

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:

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

Variation 2 - This variation introduced the following changes:

- Addition of an optional painted finish on Ex Gb only versions.
- Addition of alternative Sigmam Delta scanners & PSUs to existing Extronics types.

16 Drawings and documents:

16.1 Technical documents:

Refer to Certificate Annex.



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QD-1589 Issue Date: 2025-06-20

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16.2 Associated reports and certificate history:

Issue	Date	Report number	Comment
0	04 November 2016	R70049918B	The release of the prime certificate.
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.
4	31 July 2025	R80252180A	The introduction of Variation 2.

17 Specific conditions of use (denoted by "X" after the certificate number):

None

18 Essential health and safety requirements of Annex II (EHSRs):

The relevant EHSRs that are not addressed by the standards listed in item 9 of this certificate have been identified and conformity of the product demonstrated in the reports listed in item 16.2.

19 Remarks and additional information:

The use of this certificate is subject to the regulations applicable to holders of CSA Group Netherlands B.V. certificates.

Compliance of the product with the applicable safety requirements of the relevant industrial standards has not been verified and is not covered by this certificate.

19.1 Conditions of manufacture:

19.1.1 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, TUV 04 ATEX 2458
 - iSCANPSx power supply (optional, IBExU15ATEX1082)
 - iSCAN101 scanner (optional, IBExU15ATEX1083)
 - iSCAN211 scanner (optional, IBExU15ATEX1084)
 - SD.211.X011.XX or SD.211.X111.XX power supply (optional, IBExU09ATEX1051)
 - SD164ex scanner (optional, IBExU12ATEX1120)
 - SD164BTeX scanner (optional, IBExU12ATEX1162)

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

Document History

Issue 0

Documents Introduced or Revised

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

Documents Introduced or Revised

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

Issue 3

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
CI6821-626	1 to 2	2	09 Jul 25	Gecma TC Workstation – module interconnection drawing
CI6821-630	1 to 8	3	09 Jul 25	Gecma TC Workstation - general assembly
CI6821-631	1 to 2	3	09 Jul 25	Gecma TC Workstation – marking