



# Certificate of Compliance

**Certificate:** 70023212

**Master Contract:** 248090

**Project:** 70024221

**Date Issued:** March 23, 2015

**Issued to:** ecom instruments GmbH  
Industriestrasse 2  
Assamstadt, Baden-Wurttemberg 97959  
Germany  
**Attention:** Kevin Spence

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only*



**Issued by:**   
B J Allen

## PRODUCTS

CLASS – 2258-02 PROCESS CONTROL EQUIPMENT – Non Incendive For Hazardous Locations

CLASS – 2258-82 PROCESS CONTROL EQUIPMENT – Non Incendive For Hazardous Locations

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

### **Class I, Division 2, Groups A, B, C and D; T4**

Non-Incendive Industrial Ruggedized Portable 8 Inch Tablet Computer Models Tab-Ex 01 D2 LTE 1, Tab-Ex 01 DZ2 LTE, Tab-Ex 01 D2 WiFi and Tab-Ex 01 DZ2 WiFi, powered via a single internal 3.8Vdc, 4450mAh, 16.91Wh, Secondary Li-Ion battery, Type Samsung EB-BT365BB\*, maximum charge voltage 4.35V. The Tablet Computers have a Water and Dust proof IP67 enclosure with a single external USB connection and single 3.5mm Headphone connection that are not intended for use in the hazardous area. The Tablet Computers are fitted with a single protective case (Tab-Ex 01 Protective Case) that provides protection against damage caused by dropping the equipment. The Tablet Computers have radio modules that allow for wireless connection to WLAN a/b/g/n, NFC and Bluetooth LE 4.0. In addition to these wireless connections the Models Tab-Ex 01 D2 LTE and Tab-Ex 01 DZ2 LTE are capable of GSM and Mobile Data wireless connections. The Tablet Computers are fitted with a single 3 mega pixel rear facing and 1.3 mega pixel front facing cameras.



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The charger rated 5.3Vdc Max., 2 Amp max; Operating temperature -20°C to 55°C, and is UL listed.

**APPLICABLE REQUIREMENTS**

C22.2 no 0-10	General Requirements
C22.2 no 60950-1	Safety of Information Technology Equipment.
C22.2 no 213-M1987 (reaffirmed 2013)	Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
UL 60950-1	Safety of Information Technology Equipment.
ISA 12.12.01-2013	Non-incendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations.

**MARKINGS**

Product markings shall be in accordance with the related standards. In addition, it shall be the responsibility of the manufacturer to provide additional markings on the product to comply with the requirements of the local regulatory authorities.

The following markings are provided by laser engraving on the rubberized plastic external case.

1. Manufacturer's name: "ecom", or CSA Master Contract number "248090" adjacent to the CSA mark in lieu of manufacturer's name.
2. Model number: As specified in the PRODUCTS section, above.
3. Electrical ratings: As specified in the PRODUCTS section, above.
4. Manufacturing date in MMY format, or serial number, traceable to year and month of manufacture.
5. Ambient temperature rating: As specified in the PRODUCTS section, above.
6. The CSA Mark with or without "C" and "US" indicators, as shown on the Certificate of Conformity.
7. Temperature Code: As specified in the PRODUCTS section, above.
8. Hazardous Location designation- "Class I, Division 2, Groups A, B, C and D" (may be abbreviated).
9. Temperature Code "T4" (optional marking)
10. The following optional markings may be used: "Class I, Zone 2, Group IIC".
11. The following warnings:

WARNING - OBSERVE CONTROL DRAWINGS 100016EX06A AND 100016EX17A!  
MUST USE WITH TAB-EX 01 D2/DZ2. AND TAB-EX 01 REAR COVER!

WARNING - MUST USE WITH BATTERY EB-BT365BB\*!

WARNING - EXPLOSION HAZARD - BATTERIES MUST ONLY BE CHANGED  
IN AN AREA KNOWN TO BE NON-HAZARDOUS.

**Note:** Some jurisdictions in Canada require Cautions and Warnings to also be in French. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the local regulatory authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".