

EU-TYPE EXAMINATION CERTIFICATE



Equipment or Protective System intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

EU-Type Examination Certificate Number: **DEMKO 16 ATEX 1718X Rev. 0**

Product: **Process Control Equipment – Models IC695CPE400 and IS420UCSCxyz**

Manufacturer: **GE Intelligent Platforms Inc.**

Address: **2500 Austin Drive, Charlottesville, VA 22911 USA**

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

UL International Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to 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 confidential report no. **4787351352**

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

EN 60079-0:2012+A11:2013

EN 60079-7:2015

If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.

The marking of the equipment or protective system shall include the following:

Ex II 3 G Ex ec IIC T4 Gc

Certification Manager
Jan-Erik Storgaard

This is to certify that the sample(s) of the Equipment described herein ("Certified Equipment") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Equipment Certification Program Requirements. This certificate and test results obtained apply only to the equipment sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured equipment. UL has not established Follow-Up Service or other surveillance of the equipment. The Manufacturer is solely and fully responsible for conformity of all equipment to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

Date of issue: 2016-08-09

Notified Body

UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark
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[13]

[14]

Schedule

EU-TYPE EXAMINATION CERTIFICATE No.

DEMKO 16 ATEX 1718X Rev. 0

[15]

Description of Product

A GE standalone hardware platform utilizing a mCOM AMD dual or quad-core microprocessor to provide for a dedicated runtime and a Linux OS, hypervisor embedded Field Agent accessing cloud architecture through GE Predix.

The optical radiation output of the OLED display and status LEDs on the apparatus with respect to explosion protection, according to Annex II clause 1.3.1 of the Directive 2014/34/EU is covered in this certificate based on Exception 1) to the scope of EN 60079-28:2015.

Nomenclature:

Example:

| | | | |
|--------------------|---|---|---|
| IS420UCSC | H | 1 | A |
| Series Designation | x | y | z |

Series Designation

IC695CPE400

IS420UCSC

x - (Certification Type)

H: Standard Safety Certification (only for model IS420UCSC)

S: Additional Sil Certification (only for model IS420UCSC)

y - (Processor Type)

1: Quadcore CPU (only for model IS420UCSC)

2: Dualcore CPU (only for model IS420UCSC)

z - Any alpha character that represents customer software load (only for model IS420UCSC)

Temperature range:

The relation between ambient temperature and the assigned temperature class is as follows:

| Ambient temperature range | Temperature class |
|---------------------------|-------------------|
| -40 °C to +70 °C | T4 |

Electrical data

| Models | Nominal Input ratings | Voltage range |
|--------------|-----------------------|---------------|
| IC695CPE400 | 24VDC, 1.2A | 18-30Vdc |
| IS420UCSCxyz | 28VDC, 1.2A | |

Installation instructions

Refer to "Installations Manual".

Mounting instructions

Refer to "Instructions".

Routine tests

Routine tests are not required.

[16]

Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this EU-Type Examination Certificate.

[17]

Specific conditions of use:

- The equipment shall only be used in an area of not more than pollution degree 2, as defined in EN 60664-1.
- The equipment shall be installed in an enclosure that provides a degree of protection not less than IP 54 in accordance with EN 60079-0 and is only accessible with the use of a tool.

[18]

Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

[13]

[14]

Schedule
EU-TYPE EXAMINATION CERTIFICATE No.
DEMKO 16 ATEX 1718X Rev. 0

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.