



Physical Technical Testing Institute, Ostrava-Radvanice

National testing authority No 210

Certification body No. 3051 accredited by ČIA Praha

## Certificate No. FTZÚ 11 E 0005U

about verification of electrical apparatus for explosive dust atmospheres

This certificate is issued for component: **Box PC PS4000B series**

Applicant: **Digital Electronics Corporation**

Address: **8-2-52 Nanko higashi, Suminoe-Ku, Osaka, 559-0031, Japan**

Above mentioned product and any of its variant are specified in Annex of the certificate and in documentation, list of which is attached in Annex of this certificate.

The examination and test results are recorded in confidential Report No.

**11E/0005 dated 22.03.2011**


FTZÚ – National testing authority No. 210 confirms, that product comply with requirements following standards:

**cl. 5.3 EN 60079-0:2009 cl. 6.1.2 EN 60079-31:2009**

Manufacturer (or applicant) listed in the certificate is responsible for product conformity assurance in accordance with its specification (documentation) listed in Annex of the certificate and for successful performance of all specified routine tests and verification.

This certificate is valid till: **22.03.2016**

Responsible person:

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 22.03.2011

Number of pages: 2  
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This certificate is valid only for products described in this certificate and doesn't replace any other documents.  
This certificate shall not be reproduced except in full without written approval of authorized entity (FTZÚ).

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Annex

## Certificate No. FTZÚ 11 E 0005U

### Product description:

The Box PC PS4000B series are an electronic components for data processing. The Box PC PS4000B series are mounted in an enclosures, which are not verified with this electronic components.

The Box PC PS4000B series are industrial PC systems with 1 up to 5 PCI/PCIe slots plus build in components.

Basic parameters: Power input 24 VDC (-25%/+30%)

The maximum surface temperature was 85°C for max. ambient temperature 50°C according to conditions described in the confidential Report No. 11E/0005 dated 22.03.2011.

### Special conditions for use:

The Box PC PS4000B series must only be mounted into the category 3D enclosures according to the directive 94/9/EC. The assembled units with an enclosures should be marked:



II 3D Ex tc IIIA T85°C Dc


Tamb: 0°C to +50°C

### List of documentation:

[1] Test description, version 1, date: 6.12.2010, 46 pages

Date of verification of documentation by FTZÚ: 22.03.2011

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