



Physical Technical Testing Institute, Ostrava-Radvanice

National testing authority No 210

Certification body No. 3051 accredited by ČIA Praha

## Certificate No. FTZÚ 12 E 0013U

about verification of electrical apparatus for explosive dust atmospheres

This certificate is issued for component:

Panel Computer Optimum HMIPVC7, HMIPCCV170A and HMIGTW73545  
Panel Computer Universal & Performance HMIP-Tx7, -Rx7 and HMIPCCT17

Applicant: **Schneider Electric / Schneider Automation S.A.S**

Address: **ZI Carros, 8eme Rue – F – 06516 CARROS Cedex, France**

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.

**12E/0013 dated 25.10.2012**

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

**cl. 5.3, cl. 6.2, cl. 7.2.1 of EN 60079-0:2009,  
cl. 6.1.1, cl. 6.1.2, cl. 6.1.3 of 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: **31.10.2017**

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of certification body



Date of issue: 26.10.2012

Number of pages: 2

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Annex

## Certificate No. FTZÚ 12 E 0013U

### Product description:

The Panel Computer type Optimum and Universal & Performance are electronic components for data processing. The Panel Computer type Optimum and Universal & Performance are mounted in an enclosure, which is not verified with these electronic components.

The Panel Computer type Optimum and Universal & Performance are industrial computer systems with 15" touch display, stainless steel front material and build in components (Optimum with one interface card slot, Universal & Performance with up to two PCI/PCIe slots).

On the Panel Computer type Optimum and Universal & Performance have been measured the maximum temperature rise of components inside 42K for maximal ambient temperature 50°C and carried out the tests: Endurance to heat and cold, impact test, pressure test and IP 65 test.

All mentioned tests have been carried out with conditions described in the confidential Report No.12E/0013 dated 25.10.2012.

### Schedule of Limitations:

The Panel Computer type Optimum and Universal & Performance must only be mounted into the category 3D enclosures according to the directive 94/9/EC. The assembled unit with an enclosure should be marked:

 II 3D Ex tc IIIA T92°C Dc      Tamb: 0°C to +50°C

### List of documentation:

Technical documentation Optimum and Universal & Performance, Final version V2.01 dated 17.09.2012

Responsible person:

  
Dipl. Ing. Lukáš Martinák  
Head of certification body



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