



Physical Technical Testing Institute
Ostrava-Radvanice



EC-Type Examination Certificate

(1)

(2)

Equipment or Protective Systems Intended for use
in Potentially Explosive Atmospheres
Directive 94/9/EC

(3) EC-Type Examination Certificate Number:

FTZÚ 04 ATEX 0134X

(4) Equipment: **Racks and cartridges for intrinsically safe separation of SSI-UTI,
SSI-STAR, SSI-SAT and type KSI-1 and KSI-2**

(5) Manufacturer: **TELVIS Sp. z o.o**

(6) Address: **Osikova 69, 40-181 Katowice, Poland**

(7) This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) The Physical Technical Testing Institute, notified body number 1026 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report N°

04/0134 dated 24.04.2004

(9) Compliance with Essential Health and safety requirements has been assured by compliance with:


EN 50014 : 1997 + A1, A2; EN 50020 : 2002

(10) 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.

(11) This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

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


 **II (2)G [EEx ia] IIC resp.**

 **I (M1) [EEx ia] I**

This EC-Type Examination Certificate is valid till: **26. 04. 2009**

Responsible person:

Date of issue: 26.04.2004


Dipl. Ing. Sindler Jaroslav
Head of certification body



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Physical Technical Testing Institute
Ostrava-Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 04 ATEX 0134X**

(15) Description of Equipment:

Empty racks SSI-UTI, SSI-STAR, SSI-SAT and cartridges KSI-1 and KSI-2 are simple apparatus with regard to EN 50020, article 5.4. They contain power supplies, wiring and connectors. After fitting with ZS.. or LPI. modules they become associated apparatus , separating telecommunication circuits in normal design from intrinsically safe circuits.

(16) Report No. : 04/0134 (20 pages)

(17) Special conditions for safe use:


Cables leaving the racks must satisfy EN 50303 requirements, if they are leading to M1 category, or EN 50039 otherwise.

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (9).

Responsible person:

Date of issue: 26.04.2004


Dipl. Ing. Šindler Jaroslav
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Number of pages: 3
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Physical Technical Testing Institute
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Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 04 ATEX 0134X**

(19)

LIST OF DOCUMENTATION

1. Technical documentation 27.DO.1.00 (7 pages)	01 / 2004
2. Drawings No.:	
27.M1.1.01	ověřeno 24.04.2004
27.E1.1.01	ověřeno 24.04.2004
27.E1.1.02	ověřeno 24.04.2004
27.E1.1.03	ověřeno 24.04.2004
27.E1.1.04	ověřeno 24.04.2004
27.E1.1.05	ověřeno 24.04.2004
27.E1.1.06	ověřeno 24.04.2004
27.E1.1.07	ověřeno 24.04.2004
27.E1.1.08	ověřeno 24.04.2004
27.E1.1.09	ověřeno 24.04.2004
27.E1.1.10	ověřeno 24.04.2004
27.E1.1.11	ověřeno 24.04.2004
27.E1.1.12	ověřeno 24.04.2004
27.E1.1.13	ověřeno 24.04.2004
27.E1.1.14	ověřeno 24.04.2004
27.E1.1.15	ověřeno 24.04.2004
27.M2.1.01	ověřeno 24.04.2004
27.M2.1.02	ověřeno 24.04.2004
27.Z2.1.01	ověřeno 24.04.2004
27.Z2.1.02	ověřeno 24.04.2004
27.M2.1.03	ověřeno 24.04.2004
27.M3.1.01	ověřeno 24.04.2004
27.M3.1.02	ověřeno 24.04.2004
27.Z3.1.01	ověřeno 24.04.2004
27.M4.1.01	ověřeno 24.04.2004
27.M4.1.02	ověřeno 24.04.2004
27.Z4.1.01	ověřeno 24.04.2004
27.Z4.1.02	ověřeno 24.04.2004
27.M4.1.03	ověřeno 24.04.2004
27.M5.1.00	ověřeno 24.04.2004

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