



## 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 07 ATEX 0033U**

(4) Component: **Explosionproof transformer, type XTO 557, XTO 500, XTO 250**

(5) Manufacturer: **GENERI, s.r.o.**

(6) Address: **Uničovská 50, 787 01 Šumperk, Czech Republic**

(7) This Component 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°

**07/0033U dated 28 February 2007**


(9) Compliance with Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0:2006; EN 60079-7:2007; EN 61241-0:2007**

(10) The sign „U” placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.


(11) This EC-TYPE EXAMINATION CERTIFICATE relates only to design, examination and testing of the specified component in accordance to the directive 94/9/EC. If applicable, further requirements of the Directive apply to the manufacture and supply of this component.

(12) The marking of the component shall include following:

 **I M2 Ex e I II 2GD Ex e tD II**

This EC-Type Examination Certificate is valid till: **31 March 2012**

Responsible person:

  
Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 01.03.2007

Number of pages: 3  
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PHYSICAL TECHNICAL TESTING INSTITUTE  
Ostrava-Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 07 ATEX 0033U**

(15) Description of Component:

The transformer consist of transformer coil with primary and secondary winding and of the E I transformer core lamination. The winding is made from enamele wire. The coil is impregnated by vacuum press impregnation.

The transformer is not short circuit proof and the primary and secondary winding has to be protected against short circuit.

The free ending of the windings is possible to connect to the terminals or direct to the other electric device.

(16) Report No. : 07 ATEX 0033U

(17) Schedule of Limitations:

17.1  $-55^{\circ}\text{C} \leq T_{\text{serv}} \leq 110^{\circ}\text{C}$

17.2 The temperature in environment of the transformer (inside in the enclosure) does not exceed value:

60°C for XTO 557

60°C for XTO 500

85°C for XTO 250.

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (9) of this certificate.

Responsible person:

  
Dipl. Ing. Šindler Jaroslav

Head of certification body



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(14) EC-Type Examination Certificate N° FTZÚ 07 ATEX 0033U

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LIST OF DOCUMENTATION

- Technical descriptions No. TP 995053 dated 01.2007
- User's manual No. N 740074-ATEX dated 1.2.2007
- Assembly drawing No. G-2-900013/1 dated 29.01.2007  
G-2-900013/2 dated 29.01.2007  
G-2-900013/3 dated 29.01.2007
- Catalogue list: Transformer sheet EI-120  
Transformer sheet EI-150  
"Duretan" coil BKV EI 120  
Waterproof paper with PE folio H3 VSP 3251  
Sealing material NPN  
Flexible PE damp course A19 and A100  
Varnished wire DIN IEC 317-13  
Spaghetti insulation GS  
Conductor BETATHERM

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