



(1) **Supplement No. 2 to
EC-Type Examination Certificate**

(2) **Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 94/9/EC)**

(3) EC-Type Examination Certificate Number:

FTZÚ 03 ATEX 0104 X

(4) Equipment or protective system: **Flameproof telephone model 4FP 153 42-46, 4FP 153 52-54**

(5) Manufacturer: **TESLA Stropkov a.s.**

(6) Address: **Hviezdoslavova 37/46, 091 01 Stropkov, Slovenská Republika**

(7) This supplement of certificate is valid for: - modification of equipment

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, a list of which is mentioned in the schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 Paragraph 6) of Directive No. 94/9/EC. The Directive contains other requirements, which manufacturer shall fulfil before products are placed on market or introduced in service.

(10) Safety requirements of modified parts were fulfilled by satisfying the following standards:

EN 60079-0: 2006; EN 60079-1:2004; EN 60079-11:2007

(11) Marking of equipment shall contain symbols:

 **I M2 Ex d [ib] I**

(12) This type examination certificate is valid till: **31.12.2012**

Responsible person:

Dipl. Ing. Lukáš Martinák
Head of Certification Body

Date of issue: 01.08.2012

Page: 1/3

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Physical Technical Testing Institute
Ostrava – Radvanice

(13)

Schedule

(14)

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(15) Description of Equipment or Protective System:

The subject of this supplement is modification of the equipment. The original rotary dial is replaced with the keypad in an intrinsically safe design. Galvanic separation of intrinsically safe is realized by transformer inverter optocouplers. Other intrinsically safe circuits remain unchanged.

In flameproof enclosure is added multi-wire bushing separately certificated ZAM PD-M42 (FTZU 05 ATEX 0295U).

Based on the keypad changes has changed the name of the device.

(16) Report No.: 03/0104-D2

dated: 15.07.2012

(17) Special conditions for safe use:

17.1 The basic values for maximum constructional gaps are different from the maximum values shown in Table 1 and table 2 EN 60079-1. The values are specified in the approval documents see list of documentation (19) on page 3/3 of this document.

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (10) of this supplement to the certificate.

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Page: 2/3

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(19) List of Documentation:

Title:	Drawing No.:	Pages:
Manual for use and installation	4 VNF B 402	14
The result plate	4 FB 007 49	7
The result plate	4 FB 007 50	8
The result plate	4 FB 007 51	7
The result plate	4 FB 007 52	6
The result plate	4 FB 007 57	5
The result plate	4 FB 001 25	1
Choke	4 FE 114 11	1
The coil of transformer	4 FE 131 05	2
The board assembled	4 FK 179 70,78-81	8
The board assembled	4 FK 179 71,72	2
The board assembled	4 FK 179 73	2
Block separation of transformer	4 FN 140 01	1
Transformer	4 FN 635 71	1
NTP	4 FP 153 42-46	7
NTP	4 FP 153 52-54	4
Mounting scheme autligyfon	4 FU 153 20	1
Mounting scheme aut	4 FU 153 21	1
Mounting scheme UB	4 FU 153 22	1
Mounting scheme ligyfon	4 FU 153 23	1
Diagram of autligyfon	4 F1 179 28	1
Diagram of aut + ZT	4 F1 179 31	1
Diagram of UB	4 F1 179 32	1
Diagram of ligyfon	4 F1 179 33	1
Test code	4 VNF D 730	9
Regulation of NK-diel	4 NK 6369	2
Regulation of NK-diel	4 NK 6420	2
Technical condition	TPTE 20-344/11	9

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Page: 3/3

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