



## Supplement No. 1 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 0226**

(4) Equipment or protective system: **Surge protection, model XFV./..., XFV./.../JB**

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

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

(7) This supplement of certificate is valid for: - recertification according to the new standards  
- new dimensional model (variant) – extension of series  
- prolongation of certificate validity

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in 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 place on market or introduce in service.

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

**EN 60079-0:2006 ; EN 60079-7:2007 ; EN 60079-11:2007 ; EN 60079-18:2004 ; EN 60079-11:2007 ;  
EN 61241-0:2006 ; EN 61241-1:2004 ;**

(11) Marking of equipment shall contain symbols:

**II 2G Ex e mb II T6, IP66, -55°C ≤ Ta ≤ +70°C**

**II 2G Ex ia mb IIC T6, IP66, -55°C ≤ Ta ≤ +70°C**

**II 2D Ex tD A21 T85°C, IP66, -55°C ≤ Ta ≤ +70°C**

(12) This type examination certificate is valid till: **31.03.2014**

Responsible person:

Dipl. Ing. Sindler Jaroslav  
Head of certification body



Date of issue: 13.03.2009

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Annexes: No. 1,2 (2 pages)

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(13)

Schedule

(14)

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(15) Description of Equipment or Protective System:

The surge protection, model XFV./... , XFV./.../JB is recertified according to the new standards EN 60079-0, EN 60079-7, EN 60079-11, EN 60079-18, EN 61241-0 and EN 61241-1.

The type size of the surge protection was enlargement to the new dimensional variant of enclosures.  
The construction of the surge protection module was not changed.

(16) Report No. : 03 / 0226 – D1

(17) Special conditions for safe use: none

(18) Essential Health and Safety Requirements:

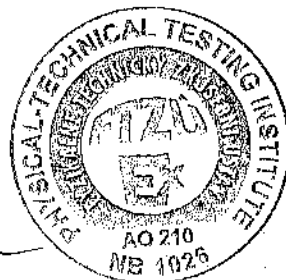
Covered by the standards mentioned in (10) of this Supplement No.1.

(19) LIST OF DOCUMENTATION

- |  |       |            |
|--|-------|------------|
| ➤ Users manual No. N740009/3                                       | dated | 16.1.2009  |
| ➤ List of technical support No. N740005                            |       | 1.8.2007   |
| ➤ The drawing for certification, No.G-3-902703/2                   |       | 16.1.2009  |
| ➤ Documentation to the drawing for certification, No. G-3-902703/2 | *     | 16.12.2009 |

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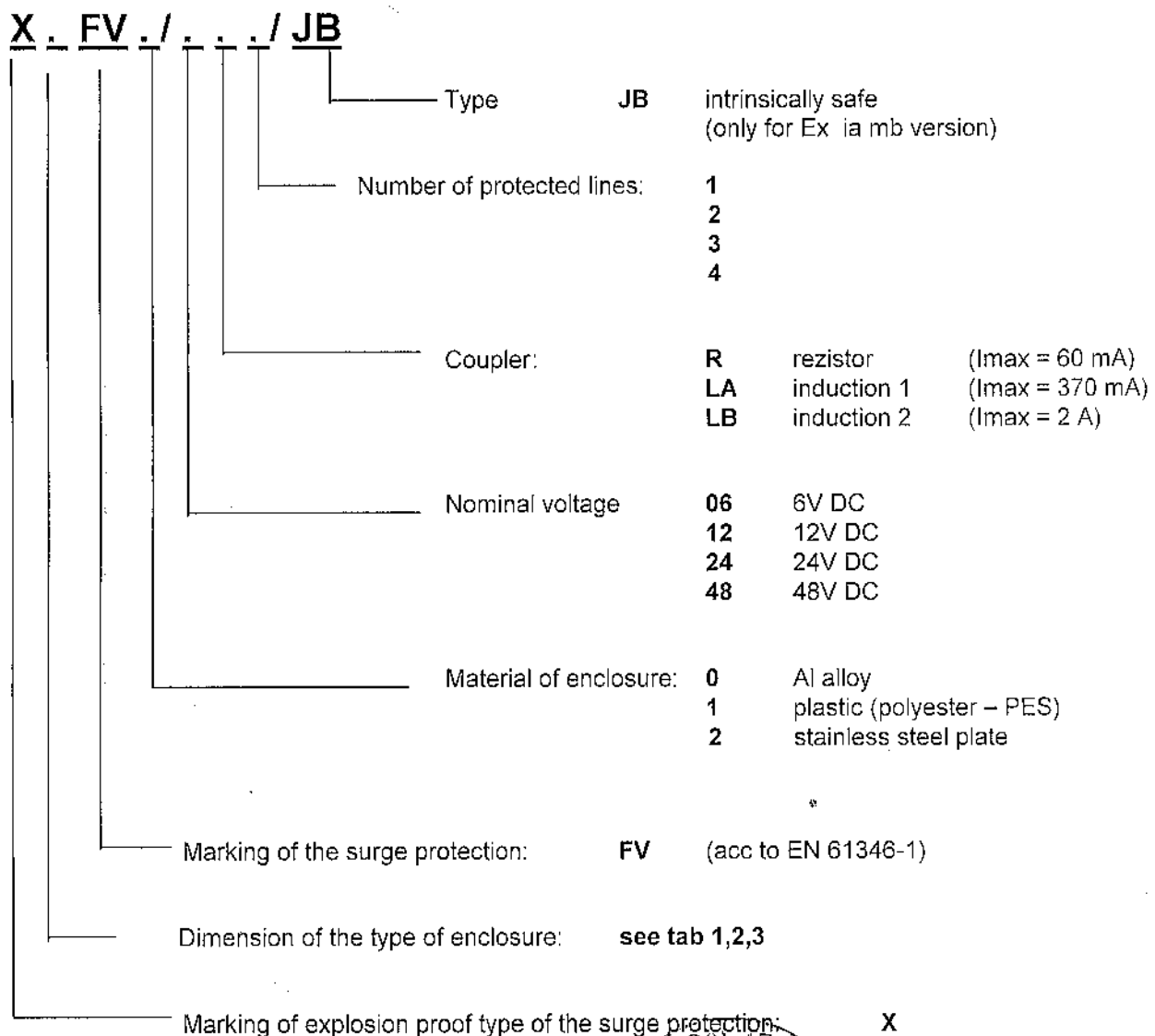


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**ANNEX No. 1**

**Supplement No. 1 to  
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**MARKING OF THE TYPE OF SURGE PROTECTION:**





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ANNEX No. 2

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Tab.1 – instrumental housings  
Made of Al-alloy

Type	Dimension [mm]
X16FV0	80x75x57
X17FV0	80x125x57
X18FV0	80x175x57
X19FV0	80x250x57
X21FV0	120x122x80
X22FV0	120x220x80
X23FV0	120x220x90
X24FV0	122x360x80
X25FV0	160x160x90
X26FV0	160x260x90
X27FV0	160x360x90
X28FV0	160x560x90
X29FV0	230x200x110
X31FV0	230x280x110
X32FV0	230x330x110
X33FV0	230x400x110
X35FV0	230x600x110
X42FV0	310x400x110
X43FV0	310x600x110
X46FV0	100x100x80
X47FV0	100x160x80
X48FV0	100x200x80
X49FV0	120x122x90
X50FV0	140x140x90
X51FV0	140x200x90
X52FV0	180x180x100
X53FV0	180x280x100
X54FV0	100x230x110
X55FV0	230x200x150
X56FV0	230x330x180
X57FV0	230x400x224
X58FV0	310x400x180
X59FV0	310x400x226
X60FV0	310x600x180
X70FV0	600x600x200

Tab.2 - instrumental housings  
Made from polyester

Type	Dimension [mm]
X12FV1	75x80x55
X13FV1	75x110x55
X14FV1	75x160x55
X15FV1	75x190x55
X20FV1	120x122x90
X23FV1	120x220x90
X25FV1	160x160x90
X26FV1	160x260x90
X27FV1	160x360x90
X28FV1	160x560x90
X37FV1	250x255x120
X38FV1	250x255x160
X39FV1	250x400x120
X40FV1	250x400x160
X44FV1	380x360x80
X45FV1	405x400x120
X70FV1	600x600x200
X71FV1	250x600x120
X72FV1	80x75x75
X73FV1	110x75x75
X74FV1	160x75x75
X75FV1	190x75x75
X80FV1	400x405x165
X365FV1	400x600x250

Tab.3 - instrumental housings  
Made from stainless steel

Type	Dimension [mm]	Type	Dimension [mm]
X320FV2	150x150x90	X414FV2	380x200x150
X321FV2	200x150x90	X415FV2	360x300x150
X322FV2	200x200x90	X416FV2	380x200x190
X323FV2	300x150x90	X417FV2	360x300x190
X324FV2	300x200x90	X430FV2	100x100x61
X325FV2	300x300x90	X431FV2	150x100x61
X326FV2	300x400x90	X432FV2	150x150x61
X327FV2	400x200x90	X433FV2	200x100x61
X328FV2	400x400x90	X434FV2	200x200x81
X329FV2	560x400x90	X435FV2	200x200x121
X330FV2	300x200x150	X436FV2	300x150x81
X331FV2	300x300x150	X437FV2	300x200x81
X332FV2	300x400x150	X438FV2	300x200x121
X333FV2	400x200x150	X439FV2	300x300x121
X334FV2	400x400x150	X440FV2	300x300x161
X336FV2	560x400x150	X441FV2	380x380x161
X340FV2	300x400x190	X442FV2	400x150x81
X341FV2	400x400x190	X443FV2	400x200x121
X342FV2	560x400x190	X444FV2	400x300x161
X343FV2	800x400x190	X445FV2	500x300x161
X344FV2	500x300x150	X446FV2	500x400x161
X345FV2	500x400x150	X460FV2	200x250x97
X346FV2	330x200x150	X461FV2	200x250x157
X347FV2	330x380x150	X462FV2	350x250x97
X349FV2	400x300x90	X463FV2	300x300x167
X357FV2	400x300x150	X464FV2	380x380x167
X397FV2	400x560x90	X465FV2	380x380x217
X398FV2	400x560x150	X466FV2	500x300x167
X407FV2	400x300x190	X467FV2	600x300x167
X408FV2	530x200x190	X468FV2	600x380x217
X409FV2	330x300x190		
X410FV2	400x550x190		
X411FV2	400x800x190		
X412FV2	500x300x190		
X413FV2	500x400x190		

Tab. 4 – List of certificates of the used components – empty enclosures:

instrumental housings made of Al-alloy	instrumental housings made from polyester	instrumental housings made from stainless steel
KEMA 02 ATEX 2031U PTB 98 ATEX 3101U KEMA 02 ATEX 2088U	FTZÚ 01 ATEX 0075U KEMA 02 ATEX 2032U PTB 01 ATEX 1061U KEMA 03 ATEX 2078U	FTZÚ 01 ATEX 0074U PTB 00 ATEX 1101U

